FINAL REPORT

Fish and Wildlife Impact Analysis
Former Syracuse Inland Fisher Guide Facility
Syracuse, New York

Revitalizing Auto Communities Environmental Response Trust

October 2013

O'BRIEN & GERE

15388 | 50292

Fish and Wildlife Impact Analysis Former Syracuse Inland Fisher Guide Facility

Syracuse, New York

Prepared for:

Revitalizing Auto Communities Environmental Response Trust

WILLIAM A. SCHEW, PH.D.,VICE PRESIDENT
O'BRIEN & GERE ENGINEERS, INC.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

LIST OF EXHIBITS

1. INTRODUCTION

This report presents the revised Fish and Wildlife Impact Analysis (FWIA) performed for the Revitalizing Auto Communities Environmental Response Trust (RACER), owner of the former General Motors (GM) Corporation, Former Syracuse Inland Fisher Guide (IFG) Facility (Site). The Site is located at 1 General Motors Drive in the Town of Salina, Onondaga County, New York (Figure 1). The New York State Department of Environmental Conservation (NYSDEC) and GM entered into an Administrative Order on Consent (Index # D-7-0001-97-06; Order), which became effective September 25, 1997. The Order requires GM to conduct a Remedial Investigation/Feasibility Study (RI/FS) at the Site. Following the bankruptcy of GM, continuation of RI/FS activities under Motors Liquidation Company (MLC) and now RACER has been implemented for two operable units; the Former IFG Facility (including off-site groundwater) and off-site media. A *Revised RI/FS Report* for the facility was provided to NYSDEC on October 31, 2010 (O'Brien & Gere 2010a). This FWIA was prepared in accordance with the RI/FS process. The Former Syracuse IFG Facility and off-site groundwater are considered in this assessment. Off-Site media (except groundwater) potentially impacted by the IFG Facility are addressed in the *Final Off-site RI Report and the Off-site FS Report* which were provided to NYSDEC on March 12, 2013 and May 17, 2013, respectively (O'Brien & Gere 2013a and 2013b).

Following a conference call with the Site Stakeholders concerning the 2010 draft FWIA Report (O'Brien & Gere 2010a), RACER (then MLC) received written comments from the NYSDEC on the draft FWIA Report in a letter dated August 23, 2010 (Appendix A) and an email dated January 24. A second conference call was held on February 28, 2013 with resolution in a March 1, 2013 e-mail. This Report incorporates RACER's responses to the NYSDEC comments.

The Site was classified by NYSDEC as a Class 2 Site in the NYS Registry of Inactive Hazardous Waste Disposal Sites (Registry; Site No. 7-34-057). The NYSDEC requires the performance of an FWIA in accordance with its guidance entitled *Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites* (NYSDEC 1994) to evaluate potential ecological impacts associated with Registry Sites.

The FWIA process for this Site consists of a combination of steps outlined in *Ecological Risk Assessment for Superfund, EPA/540-R-97-006* (ERAGS; USEPA 1997), and the guidance co-developed by the NYSDEC and USEPA for Onondaga Lake Sites (NYSDEC 1998a), and NYSDEC's *Fish and Wildlife Impact Analysis* guidance document (NYSDEC 1994).

This Report presents the results of Steps I through II-B of the FWIA. The objective of Step I of the NYSDEC FWIA (Site Description) is to describe the Site and study area in terms of topography, covertypes, drainage, fish and wildlife resources and value, and to identify potentially applicable fish and wildlife criteria. Step II (Contaminant-Specific Impact Assessment) is performed to evaluate potential impacts of Site-related constituents on the identified fish and wildlife resources. Included herein is information relevant to this FWIA from previous investigatory activities as documented in the *Screening Level Ecological Assessment, Former IFG Facility and Ley Creek Deferred Media, General Motors Corporation* (SLEA; O'Brien & Gere 1999). The SLEA included an assessment of potential off-Site impacts, whereas this assessment includes the assessment of potential impacts associated with the IFG Facility proper.

1.1. REPORT ORGANIZATION

This FWIA Report contains the following additional sections:

Section 2 - Site Description. This section presents a conceptual model of the Site, a description of the natural communities of the Site and vicinity and identifies potential ecological receptors. This section also discusses resources other than wildlife that exist in the Site vicinity, such as documented significant habitats, rare, threatened, or endangered species, surface waters, and freshwater wetlands. Identification of these resources, and assessment of the value of these resources, is consistent with the requirements of Step I of a NYSDEC FWIA.

Section 3 – Contaminant-Specific Impact Assessment. This section presents the first two steps of the contaminant-specific impact assessment and is consistent with the requirements of Step II-B of a NYSDEC FWIA.

Screening results based on potential pathways of constituent migration and exposure as they relate to fish and wildlife resources are presented and discussed.

Section 4 – Conclusions. This section presents the assessment conclusions and recommendations for further study based on the findings of the FWIA.

Section 5 – References. This section provides citations for the literature and information sources used in completion of this report.

Tables, figures, appendices, and exhibits are included to provide information that supports the FWIA and are referenced throughout.

2. NYSDEC FWIA STEP I – SITE DESCRIPTION

This section provides descriptions of the physical and biological components of the Site and study area. The objective of FWIA Step I is to identify the natural resources and ecological covertypes of the study area, associate wildlife species with the covertypes, and evaluate the ability of the covertypes to provide the habitat components required by the identified wildlife species.

For the purposes of this FWIA, the study area is defined as the Site and areas surrounding the Site within a one-half mile radius of the Site perimeter. Ecological covertypes (vegetative communities) present within the one-half mile radius are described herein. Also, major natural resources that exist within a two-mile radius of the Site are described. Major natural resources include, but are not limited to, regulated wetlands, streams, lakes endangered species habitat and/or rare natural communities.

2.1. SITE DESCRIPTION (STEP I-A)

The Former Syracuse IFG Facility comprises approximately 65 acres of property. The majority of the Site consists of developed area including buildings, paved surfaces, and stormwater management facilities. Non-developed portions of the Site consist of mowed lawn and ornamental landscaping. Site structures include the main manufacturing building, the attached administration building, the primary switch house, the industrial waste treatment (IWT) plant, and mold storage building (former tank farm) (Figure 2). The facility began operations in 1952. Initially, the Site was used for the manufacture of metal automotive trim components such as bumpers, grills, wheel disks and hubcaps. Operations conducted at the facility included metal die casting; nickel, chromium and copper cyanide electroplating; stamping; polishing; buffing; painting; machining; and injection molding. More recently, the facility was used for the manufacture of interior and exterior plastic trim components such as bumpers, grills and door panels. The facility ceased manufacturing operations in December 1993.

The Site is bounded to the south by Penn Central railroad tracks and a wood pallet recycling facility, to the east and northeast by Military (Formerly GM) Circle and Townline Road, to the west by a National Grid (formerly Niagara Mohawk Power Corporation) electrical transfer station, and to the north by Factory Avenue and an undeveloped area adjacent to Ley Creek (Figure 1). The Site is located in an area zoned for industrial use in the Town of Salina. The area surrounding the Site is generally characterized as highly urbanized.

The Site lies within the Erie-Ontario Lowlands Physiographic Province (Ontario Lowland) of New York State (Thompson 1966). The Ontario Lowland lies between Lake Ontario to the north and the Appalachian Upland Physiographic Province to the south, and is characterized by generally flat topography.

Stormwater runoff from the Site is directed into a series of storm drains that discharge to Ley Creek via NYSDEC permitted Outfalls 003 and 005. Figure 2 presents the predicted direction of Site surface runoff.

2.1.1 Conceptual Site Model

A conceptual site model (CSM) was developed for the Site (O'Brien & Gere 2010b) based on data obtained in preparation for the *Supplemental Remedial Investigation Report* (O'Brien & Gere 2000), *Former Landfill IRM Engineering Report* (O'Brien & Gere 2006a), *Former Drainage Swale IRM Engineering Report* (O'Brien & Gere 2006b), and *SPDES Treatment System IRM Engineering Report* (O'Brien & Gere 2006c). The Site was divided into seven areas, as depicted on Figure 2, for ease of discussion. Potential terrestrial and aquatic exposure pathways for the Site are presented in Figure 3.

The sampling activities and associated results from these investigations indicate that subsurface and surface soil in certain Site locations contain polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and Site-related metals. The majority of these locations are inaccessible to ecological receptors due to the presence of paved parking lots and roadways, crushed stone surfaces, low permeability (asphalt) landfill cover, or building structures.

The depth to groundwater at the Site ranges from 2 to 13 feet below ground surface (bgs) based on October 2008 water levels. The October 2008 water levels are representative of an average water level at the Site based

on water level data collected periodically between 2002 and 2008. The shallow groundwater flow direction is generally northeast across the Site toward Ley Creek. The groundwater sampling activities and associated results from various investigations conducted at the Site indicate that groundwater has been impacted mainly with PCBs and VOCs.

The only surface water present on the Site is in the retention basin constructed on the northern property area. As described below, the basin is used to retain Site stormwater prior to treatment and discharge off-Site.

Interim Remedial Measures

Between August of 2001 and December of 2005, three Interim Remedial Measures (IRMs) were designed and implemented at the Former Syracuse IFG Facility under the Order. These IRMs addressed environmental media investigated as part of the RI/FS being conducted under the Order, storm sewer investigations, and State Pollution Discharge Elimination System (SPDES) permit excursions at the facility's discharge outfalls. The IRMs were the Former Landfill IRM, the Former Drainage Swale IRM, and the SPDES Treatment System IRM and were performed prior to completion of the RI/FS with the objective of accelerating facility remediation to accommodate redevelopment of the facility. The Former Landfill IRM consisted of the construction of a landfill asphalt cover to address a former landfill located in the northwestern portion of the facility property. The Former Drainage Swale IRM consisted of the removal of PCB-containing subsurface material. The SPDES Treatment System IRM consisted of the construction of a retention basin and treatment system to treat facility stormwater for PCBs and VOCs prior to discharge off-Site. Construction work for the Former Drainage Swale and the SPDES Treatment System IRMs was largely co-located in the central northern portion of the facility property.

In addition to the above described IRMs, sixty-eight other IRMs were performed to accommodate immediate redevelopment activities at the Site since the completion of the *Supplemental Remedial Investigation Report* (O'Brien & Gere 2000) in April of 2000. These IRMs have resulted in the excavation and covering of soil in many areas of the Site. Most of the excavation activities have occurred in the northern property area of the Site, though IRMs have been conducted in most property areas of the Site. As a result of these IRMs, potential exposure to the constituents in the Site soil, groundwater, and surface water by ecological receptors is limited or nonexistent.

Information regarding soil and groundwater samples and constituents from locations not restored or removed during the above mentioned IRMs are identified in Tables 4-2 through 4-9 of the *Revised RI/FS Report* for the Site (O'Brien & Gere 2010a). Additionally, Appendix D (Current Site Soil Conditions and Data Sets) of the *Revised RI/FS Report* includes sample location figures as well as tables indicating the current status (*e.g.,* covered, excavated) of each sample location. Soil samples utilized for the FWIA are discussed in Section 3, below.

2.2. DESCRIPTION OF FISH AND WILDLIFE RESOURCES (STEP I-B)

Consistent with the FWIA guidance (NYSDEC 1994), fish and wildlife resources have been identified in the vicinity of the Site. Major vegetative communities (covertypes) have been identified on and within a one-half mile radius of the Site, defined as the "study area" (Figure 4), and major documented natural resources have been identified within a two-mile radius of the Site (Figure 5). The identified covertypes and fish and wildlife resources are described in the following sections.

2.2.1. Study Area Vegetative Covertypes

Vegetative covertypes present on and within a one-half mile radius of the Site (study area) were identified during Site investigatory activities and from recent aerial photographs of the Former Syracuse IFG Facility (see Figure 4). A covertype is defined as an area characterized by a distinct pattern of natural or cultural land use (Edinger *et al.* 2002). Covertype designations were applied to the study area based primarily on the dominant vegetation observed during the study area reconnaissance conducted in 1992 and on May 18, 2010. Covertype designations follow the ecological community descriptions presented in the New York Natural Heritage Program (NYNHP) document *Ecological Communities of New York State, Second Edition* (Edinger *et al.* 2002). A description of each identified covertype, below, includes a list of the dominant woody and herbaceous plant species that were observed.

The study area covertypes identified on Figure 4 consist of *natural* and *cultural* terrestrial, wetland and aquatic communities. The "cultural" designation reflects the extent of human disturbance to the study area for land uses

such as residences, parks, roadways, and industrial areas. The identified covertypes have a secure global and state ranking, meaning they are not rare ecological communities requiring preservation (Edinger *et al.* 2002). Below are descriptions of the covertypes identified within the study area.

2.2.2. Study Area Terrestrial Covertypes

The majority of the upland ecological communities in the vicinity of the Site are considered *terrestrial cultural* covertypes, as described in Edinger *et al.* (2002). Industrial and residential development has eliminated much of the natural habitat in the area and has replaced it with urban wildlife habitats consisting primarily of mowed lawns, paved roads, parking lots, landfills, and urban structure exteriors. The *urban structure exterior* covertype is characterized by the exterior surfaces of structures such as commercial buildings, residences, and bridges in an urban or densely populated suburban area (Edinger *et al.* 2002). This covertype is present primarily at the Site and to the east and south of the Site. This covertype is associated with sub-communities typical of the *paved* and *unpaved road/path, mowed lawn, mowed roadside/pathway,* and *mowed lawn with trees* covertypes. Included in this covertype are paved parking lots. These areas are considered cultural covertypes by Edinger *et al.* since they provide habitat for urban wildlife. However, since wildlife diversity is low and consistent species utilize these areas, these cultural covertypes on and off-Site have been combined into a single covertype designated as *cultural* on Figure 4. Some "natural" covertypes also exist in the study area. The covertype of the Site and other *natural* covertypes are described below.

Former Syracuse IFG Facility Site

Most of the Site consists of the *urban structure exterior* covertype (paved roads and buildings). Portions of the Site are open areas of grass, with intermittent ornamental trees, that are routinely mowed, qualifying them as the *mowed lawn* cultural ecological community (Figure 4). Portions of the northern property area and northeastern area are open grassed areas. Areas of grass in the southwest property area, industrial waste treatment plant, and southeast property area are intermixed with concrete slabs, electrical substations, railroad tracks, and above ground storage tanks, making them less attractive to wildlife associated with mowed lawn areas.

Off-Site Study Area

Floodplain Forest

The largest natural covertype in the study area is the *floodplain forest*, the majority of which is present within the Marine Corps Training Reserve Center (MCTRC) located just north of the Site, across the NYS Thruway (Figure 4). The MCTRC occupies approximately 200 fenced-in acres bordered by the NYS Thruway and industrial and residential areas.

Dominant canopy species observed in this community during reconnaissance efforts conducted in 1992 consist of quaking aspen (*Populus tremuloides*), bigtooth aspen (*Populus grandidentata*), silver maple (*Acer saccharinum*), American elm (*Ulmus americana*), red maple (*Acer rubrum*), speckled alder (*Alnus rugosa*), dogwoods (*Cornus* spp.), willow (*Salix* sp.), and honey locust (*Gleditsia triacanthos*) (O'Brien & Gere 1999). Reconnaissance efforts in 2010 indicated a similar vegetative community in this covertype; however, covertype descriptions in 2010 were performed primarily as verification of the identifications resulting from the 1992 reconnaissance.

Ground indicators such as standing water, water-stained leaves, and debris lines indicate portions of this community are inundated during parts of the year. Smaller remnant communities of this covertype are also present between the NYS Thruway and Ley Creek and east of Townline Road north and south of the NYS Thruway (Figure 4).

Successional Northern Hardwoods

A small forested area at the southern portion of the study area, just east of the former Syracuse China Corporation and north of Route 298, contains a mixture of hardwood tree species in a rolling, somewhat dry community which is considered a *successional northern hardwoods* covertype (Figure 4). Dominant canopy

species observed in this area during reconnaissance efforts in 1992 and again in 2010 consist of red maple, white ash (*Fraxinus americana*), green ash (*Fraxinus pennsylvanica*), eastern cottonwood (*Populus deltoides*), dogwoods, staghorn sumac (*Rhus typhina*), and hawthorne (*Crataegus* sp.). This area also contains a small man-made water retention area and a topsoil/mulch yard.

Successional Shrubland

This covertype is primarily located in a narrow band between the western property boundary and the National Grid electrical transfer station. It consists of a mix of herbaceous, shrub, and immature (*i.e.,* less than 20-ft height) tree species but is dominated by shrub species including buckthorn (*Rhamnus cathartica*), dogwood (*Cornus* sp.), honeysuckle (*Lonicera* spp.), and raspberry (*Rubus* spp.). Dominant herbaceous species include goldenrod (*Solidago* spp.), Queen Anne's lace (*Daucus carota*) and various grasses.

2.2.3. Study Area Aquatic and Palustrine Covertypes

Both *cultural* and *natural* aquatic and palustrine covertypes have been identified in the study area as described in this section.

Former Syracuse IFG Facility Site

Retention Basin

The retention basin, located within the northern portion of the Site, does not fit into community classifications presented in Edinger *et al*. (2002). The retention basin was designed and constructed to hold Site runoff produced by a 25-year, 24-hour storm and holds approximately 5.54 million gallons. The deepest portion of the retention basin is covered with stone. The remainder of the retention basin is grassed. Collected stormwater is treated prior to discharge through permitted Outfall 003. Stormwater overflows from the retention basin discharge through permitted Outfall 005 during large storm events. Discharge from Outfalls 003 and 005 is directed to Ley Creek. Surface water from Outfall 005 was analyzed as part of this assessment and is discussed in Section 3.

No palustrine (wetland) habitats exist on the Site.

Off-Site Study Area

Main Channel Stream

Ley Creek was classified as a *main channel stream* in the study area because it consists of a main channel that lacks riffle areas. Although the main channel stream is a natural covertype, Ley Creek has been restructured and dredged to aid in stormwater drainage. Water depths in Ley Creek range from less than three inches to approximately four feet, depending on the time of year and quantity of rainfall. Flow rates also vary greatly ranging from less than one foot per second to greater than four feet per second (NYSDEC 1992). The substrate is predominantly gravel and fine inorganic material with little to no submerged or emergent aquatic vegetation. Observed vegetation consisted of pondweed (*Potamogeton epihydrus*), bullrushes (*Scirpus* sp.), cattails (*Typha angustifolia*) and filamentous algae. Ley Creek varies in width from less than ten feet to more than thirty feet. The majority of the portion of the stream within the study area is not shaded by a tree canopy as the majority of the shoreline vegetation is dominated by common reed (*Phragmites australis*).

Shallow Emergent Marsh

New York State-regulated Wetland SYE-6 is a 150 acre wetland located north and west of the Site. Table 1 provides the characteristics of this and other mapped wetlands within the two-mile radius, the locations of which are shown on Figure 5. Upland drainage flows into this wetland and is discharged towards Ley Creek. Emergent vegetation and deciduous trees and shrubs comprise the dominant components of SYE-6 (Rhodes and Alexander 1980). Wet meadow vegetation and a small upland island are also present and help to create the high habitat diversity of SYE-6.

Reedgrass/Purple Loosestrife Marsh
A stand dominated by common reed exists along the northern edge of Military Circle. Additional species present in this area are silver maple, boxelder (*Acer negundo*), and eastern cottonwood trees.

Water Recharge Basin
This covertype located west of the Site consists of a man-made impoundment surrounded by mowed field. This area apparently receives stormwater run-off from adjacent paved areas, and was devoid of surface water at the time of the May 2010 reconnaissance.

2.2.4. Site and Off-Site Study Area Fauna

The presence of fish and wildlife in the study area was evaluated from Site reconnaissance observations, contact with regulatory agencies, and literature review. During previous Site investigation activities and the May 2010 reconnaissance performed by O'Brien & Gere, wildlife species were identified based on actual sightings, audible sounds, or other indicators (*i.e.*, bird song, tracks, burrows, or scat). Observed wildlife and their associated covertypes from the study area are presented on Table 2. Associated covertypes were those areas where the wildlife was observed as present or transient during observation. Lists of avian, mammalian, amphibious, and reptilian wildlife species potentially inhabiting the identified covertypes are presented in Table 3 as referenced from *Integrating Timber and Wildlife Management* (Chambers 1983) and from the New York State Herp Atlas Project (NYSDEC 2010a). Table 4 presents a list of potential breeding bird species recorded from the study area as part of the NYS Breeding Bird Atlas (NYSDEC 2010b).

Former Syracuse IFG Facility Site

Retention Basin
The retention basin is a man-made structure with banks and bottoms of gravel that are maintained for the conveyance of runoff, as opposed to being natural and containing valuable wildlife habitat. The intermittent presence of water in the retention basin provides marginal habitat for aquatic life and probably low aquatic species diversity. Species observed utilizing the retention basin during the May 2010 reconnaissance were ring-billed gull (*Larus delawarensis*), barn swallow (*Hirundo rustica*), tree swallow (*Tachycineta bicolor*), northern rough winged swallow (*Stelgidopteryx serripennis*), hooded merganser (*Lophodytes cucullatus*), mallard (*Anas platyrhynchos*, with chicks) and Canada goose (*Branta canadensis*) (Table 2).

Mowed Lawn/Urban Structure Exterior
Bird species observed in the vicinity of the Site's upland habitats during the 1992 reconnaissance were savannah sparrow (*Passerculus sandwichensis*), killdeer (*Charadrius vociferous*), brown-headed cowbird (*Molothrus ater*), mourning dove (*Zenaidura macroura*), red-winged blackbird (*Agelaius phoeniceus*), song sparrow (*Melospiza melodia*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), American robin (*Turdus migratorius*), European starling (*Sturnus vulgaris*), and northern mockingbird (*Mimus polyglottus*) (Table 2). No other wildlife species were observed on-Site during either of the 1992 or 2010 evaluations.

Off-Site Study Area

Floodplain Forest
The observed species list for the floodplain forest is based on off-Site study area reconnaissance in 1992 and 2010. The majority of the wildlife observed in the study area were birds along Ley Creek and in the floodplain forest. Great blue heron (*Ardea herodias*), green heron (*Butorides striatus*), mallard, and spotted sandpiper (*Actitus macularia*) were observed along Ley Creek. Bird species observed in the floodplain forest consisted of red-tailed hawk (*Buteo jamaicensis*), great horned owl (*Bubo virginianus*), mourning dove, northern flicker (*Colaptes auratus*), downy woodpecker (*Picoides pubescens*), blue jay (*Cyanocitta cristata*), cedar waxwing (*Bombycilla cedrorum*), several winter plumage warblers (*Parulidae* sp.), house sparrow (*Passer domesticus*), tree sparrow (*Spizella arborea*), song sparrow, American crow, belted kingfisher (*Megaceryle alcyon*), rock dove,

barn swallow (nests), black-capped chickadee (*Parus atricapillus*), and white breasted nuthatch (*Sitta carolinensis*).

Although no terrestrial mammals were observed, indicators of off-Site study area use by white-tailed deer (*Odocoileus virginianus*), eastern cottontail rabbit (*Sylvilagus floridanus*), gray squirrel (*Sciurus carolinensis*), and raccoon (*Procyon lotor*) were observed.

Successional Northern Hardwoods

Fauna historically observed in and adjacent to this covertype within the off-Site study area included gray fox (*Urocyon cinereoargneteus*), white-footed mouse (*Peromyscus leucopus*), muskrat (*Ondatra zibethicus*), mourning dove, rock dove, red-winged blackbird, eastern phoebe (*Sayornis phoebe*), flycatcher (*Empidonax* spp.), American goldfinch (*Carduelis tristis*), house finch (*Carpodacus mexicanus*), song sparrow, and ruffed grouse (*Bonasa umbellus*).

Main Channel Stream

Fish sampling by electroshocking was performed on Ley Creek, pursuant to a NYSDEC License to Collect or Possess, as part of RI activities in 2008. Samples were collected from 0.5 miles upstream, 0.5 miles downstream, and adjacent to Outfall 003. The species observed during the sampling activities are presented on Table 2. A fish survey of Ley Creek, conducted by NYSDEC personnel in 1971, revealed the presence of common carp (*Cyprinus carpio*), brown bullhead (*Ictalurus nebulosus*), bluegill (*Lepomis macrochirus*), pumpkinseed (*Lepomis gibbosus*), and shiners (*Notemigonus* spp.). Fish samples were also collected by EDI Engineering & Science (EDI 1985) as part of previous investigation activities. Collected fish species were the same as those collected by NYSDEC in 1971 (EDI 1985).

Shallow Emergent Marsh

Birds that may be found in the shallow emergent marsh covertype include red-winged blackbird, marsh wren (*Cistothorus palustris*), and common yellowthroat (*Geothlypis trichas*) (Edinger *et al.* 2002).

Successional Shrubland

Fauna identified in the *successional shrubland* habitat as part of previous investigation activities and the May 2010 reconnaissance included white-tailed deer (tracks), American crow, European starling, house sparrow, black-capped chickadee, mourning dove, and American robin.

Urban Structure Exterior

Fauna identified in this covertype as part of the off-Site study area investigation activities include red-tailed hawk, house finch, mourning dove, European starling, northern mockingbird, ring-billed gull, American robin, and white-tailed deer, white-footed mouse and eastern cottontail. Due to the lack of significant vegetative cover and the dominance of development over much of the study area supporting this covertype, viable wildlife habitat is limited in this covertype, and the observed species are transient and/or have adapted to the urban condition.

2.2.5. Other Physical Resources

As presented in the FWIA guidance document, Step I includes the identification of other fish and wildlife resources that may be present within two miles of the Site, such as significant wildlife habitats; rare, threatened, of endangered (RTE) species; regulated wetlands; or special surface waters (NYSDEC 1994). Documented resources were identified through contact with regulatory agencies and review of New York State Freshwater Wetlands (NYSFW) and National Wetland Inventory (NWI) Maps, as discussed below. Figure 5 presents the location of documented natural resources in relation to the Site.

Significant Habitats and Rare, Threatened, or Endangered Species

The presence of significant habitats and RTE species within two miles of the Site was evaluated through contact with the NYNHP and a search of the United States Fish and Wildlife Service (USFWS) Endangered Species –

Ecological Services web site (USFWS 2010; Exhibit A). The letter response received from NYNHP is included with this report as Exhibit B.

According to NYNHP, no significant habitats are present on or within two miles of the Site (Exhibit B). No surface waters of the study area and vicinity are designated as Wild, Scenic or Recreational in accordance with the Wild, Scenic and Recreational Rivers Act. The only RTE plants or animals identified as potentially inhabiting the off-Site study area are upland sandpiper (*Bartramia longicauda*) and northern harrier (*Circus cyaneus*) (NYNHP 2010)[1].

A review of the USFWS website (USFWS 2010; accessed May 10, 2010) indicated the following species and status within Onondaga County:

- American hart's-tongue fern (*Asplenium scolopendrium var. americanum*) – threatened
- bald eagle (*Haliaeetus leucocephalus*) – delisted
- bog turtle (*Clemmys muhlenbergii*) – threatened
- eastern massasauga (*Sistrurus catenatus catenatus*) – candidate species
- eastern prairie fringed orchid (Historic record) (*Platanthera leucophea*) – threatened
- Indiana bat (winter/summer) (*Myotis sodalis*) – endangered
- small whorled pogonia (Historic record) (*Isotria medeoloides*) – threatened.

Results of the associated USFWS website search (2010) are provided as Exhibit B. No indication of the presence of these species was observed at the Site and the habitat requirements reported to support them are not present on the Site and were not observed within the Study Area, however formal surveys for the presence of these species were not performed within the Study Area.

Wetland Habitats

The potential presence of freshwater wetlands within a two-mile radius of the Site was evaluated through a review of the NYSDEC and USFWS NWI mapped data downloaded from their respective data repositories (NYSDEC 2007 and NWI 2010). The NYSFW Map presents the approximate boundaries of wetlands regulated by the NYSDEC and the NWI Map presents wetlands inventoried by USFWS to monitor waterfowl habitats. The NWI maps have no regulatory significance but provide an indication of areas potentially meeting the federal wetland criteria for wetlands that are regulated by the US Army Corps of Engineers (USACE). Additional information concerning wetlands is presented in Section 2.4.1.

As presented on Figure 5, six state-regulated wetlands and fifteen NWI wetland habitats exist within two miles of the Site perimeter. The wetland in closest proximity to the Site is State-mapped wetland SYE 6 (previously described in Section 2.2.3), which occurs north and south of the NYS Thruway, north and south side of Factory Avenue, and east and west of Townline Road.

Sediment sampling efforts were conducted on June 10-12, 2008 by O'Brien & Gere within a portion of SYE 6 at the National Grid Teall Avenue Substation and Onondaga County properties located adjacent to the western property boundary of the Site. Details of the sampling effort are presented in the *Final Off-site RI Report* (O'Brien & Gere 2013a). Sampling areas included the drainage ditch located on the south side of Factory Avenue and the State-regulated wetland area located adjacent to and south of the ditch and west of the National Grid access road. The purpose of the sampling was to collect soil/sediment chemical data to further define the nature and extent of Site-related constituents. The data collected from this event supplements existing data collected from this area during previous sampling events.

A total of 32 sediment samples (including QA/QC samples) were collected from 8 locations at multiple depth intervals. Four sample locations were within the drainage ditch and the remaining locations were south of the ditch and within the wetland. Collected samples were submitted to H2M Laboratories for the following analyses:

[1] Locations of the species were described generally and were not shown on a map by NYNHP.

polychlorinated biphenyls, Site-related metals (arsenic, chromium, copper, lead, nickel, zinc), percent solids and total organic carbon. Constituents detected within the sediment samples collected included Aroclors-1242 and 1248, arsenic, chromium, copper, lead, nickel, and zinc. The evaluation and associated findings of potential exposures to ecological receptors from this area are presented in the *Off-Site Baseline Ecological Risk Assessment Report, Former IFG Facility and Deferred Media Site* (O'Brien & Gere 2013c).

2.2.6. Observations of Stress

In accordance with the FWIA guidance (NYSDEC 1994), observations of physical or biotic stress (*e.g.,* abnormal fish and wildlife activity or mortality, reduced vegetative growth or density, stained soils, leachate seeps, or changes in vegetative communities) were recorded, if observed, during the Site visits performed by O'Brien & Gere and a review of the associated literature.

During the study area reconnaissance of 1992 and 2010, the study area was examined for evidence of stress to biota potentially attributable to chemical residues of the study area. No signs of discolored soils, dying or dead vegetation, or dead fish or wildlife species were observed on or in the immediate vicinity of the Site.

During the Site reconnaissance, common reed was observed along the banks of Ley Creek and other areas within the off-Site study area. Common reed is an invasive species, tolerant of stressful physical conditions such as fluctuating water levels or low soil quality. This species often excludes other native vegetative species and reduces species diversity due to its ability to form dense stands.

Overall, the greatest level of stress observed in the study area was related to the development of the area for industrial or residential purposes. These physical stressors included buildings, railroads and associated right-of-ways, grading and clearing/filling and paved areas that prohibit the development of vegetative communities.

2.3. DESCRIPTION OF FISH AND WILDLIFE RESOURCE VALUE (STEP I-C)

The value of the study area covertypes to wildlife and humans, as described in this section, was qualitatively evaluated based on the habitat requirements of identified wildlife species and potential resource utilization by humans. In accordance with Step I of the FWIA guidance document (NYSDEC 1994), the habitat requirements considered were feeding preferences, home range, and cover for species identified in the study area. Field observations used to evaluate habitat quality included the diversity of observed wildlife, the availability of suitable habitat on the Site, the size of the habitat, and adjacent land use patterns. A quantitative assessment of the habitat value of the study area was not performed as part of this FWIA.

2.3.1. Value of Habitat to Associated Fauna

The habitat value for fauna of each covertype at the Site and off-Site study area was evaluated qualitatively based on field observations of physical characteristics. For evaluations of habitat quality of terrestrial covertypes, resident wildlife species requirements for food sources, home range, breeding requirements, and cover were examined and compared to covertype characteristics. Additional information used in the evaluation of habitat quality included:

- the nature, extent and diversity of observed wildlife
- the availability of similar habitats in the immediate vicinity
- the size of the habitat
- adjacent land use patterns.

Former Syracuse IFG Facility Site

The industrialized nature of the Site (*i.e.,* presence of buildings, paved surfaces, and stormwater management facilities) minimizes the habitat value of the Site to fauna. The undeveloped portions of the Site consist primarily of lawn areas adjacent to developed areas that are periodically mowed, minimizing their availability and suitability for wildlife use, such as nesting and foraging. The grassed habitats of the Site range in value to wildlife in relation to their sizes and locations. Grassed areas surrounding facility-related structures are not likely

frequently used by wildlife. Larger open lawns provide invertebrate and vegetative food sources for a limited number of small mammals and birds, such as mice, shrews, voles, American robin, and killdeer that may forage in the *mowed lawn* covertype. Waterfowl, reptiles and small mammals may forage and/or rest in the grassy areas adjacent to the retention basin and bats may forage on insects flying above the basin. However, the close proximity of these low quality areas to higher quality undeveloped habitats within the study area (see Figure 4) suggests that wildlife could preferentially select the quality habitats versus the Site.

Off-Site Study Area

Floodplain Forest

The floodplain forest covertype in the study area represents an important habitat for a variety of wildlife species. The covertype's existence amidst an urban/suburban area and its large size make it a refuge for forest wildlife forced out of recently developed similar habitats. The added benefit of restricted access on the MCRTC property provides seclusion from human interference. The canopy tree species provide abundant food sources for birds as well as mammals such as squirrels and white-tailed deer. Other terrestrial mammals such as rabbit, raccoon, fox, and small rodents would find suitable food and cover in this covertype. Inundated areas of the floodplain provide suitable habitat for aquatic furbearers and may serve as migratory stopovers and wintering areas for waterfowl.

Successional Northern Hardwoods

Although this covertype would normally support a significant diversity of wildlife species, its location and size in the study area likely limit its use by wildlife. It is bordered to the east and west by large industrial facilities and to the south by a residential neighborhood. The area is capable of supporting a variety of birds and small mammals because of the high productivity of this early succession mast producing forest. Use of this covertype by larger mammals such as white-tailed deer is possible due to the provision of food sources and the contiguous connection with wetland areas to the north.

Successional Shrubland

Although this covertype would normally support a reasonable diversity of wildlife species, its location and size in the study area likely limit its use by wildlife. It is bordered to the east and west by industrial facilities. The area may be capable of supporting a variety of birds and small mammals, but use of this covertype by larger mammals such as white-tailed deer is unlikely due to its small size.

Shallow Emergent Marsh

The shallow emergent marsh covertype represents a minor portion of the overall study area. However, this covertype can be an important habitat for a variety of wildlife species, including birds and amphibians. The covertype's existence amidst an urban/suburban area and relatively small size may limit its value as a local resource.

Main Channel Stream

Ley Creek is a poor quality aquatic habitat of the study area. Dredging activities and scouring during high flow storm events have left little organic material in the sediments of the creek to promote aquatic vegetation, macroinvertebrate production, and other fish food and cover sources. In addition, there are little or no pool or riffle areas in the creek which would provide suitable habitat for a greater diversity of aquatic species.

Fish in Ley Creek provide a food source for piscivorous wildlife, such as great blue heron and mink. These piscivores find the dense shoreline cover afforded by the reeds attractive for isolation from predators and humans and for hunting. However, it is likely that the low quantity of fish and the minimal amount of aquatic vegetation would not make Ley Creek a preferred feeding area.

NYSDEC has evaluated the water quality in Ley Creek under the Rotating Intensive Basin Studies (RIBS) Water Quality Assessment Program (NYSDEC 1992). RIBS included the sampling and analysis of surface water, sediments, and the macroinvertebrate community, as well as toxicity testing and limited fish tissue analyses in

Ley Creek, approximately two miles west of the Site. Based on the RIBS water quality rating, it appears that water quality in Ley Creek has been impacted, resulting in a reduction of macroinvertebrate diversity, and an overall decrease in habitat quality for aquatic life from that which might otherwise be anticipated. These impacts are likely the result of urbanization, industrial development, and industrial discharges from the areas surrounding Ley Creek. Due to the relative age of the RIBS study, the results described above may not be reflective of the current condition of Ley Creek in the vicinity of the Site.

Other Cultural Covertypes

Urban and industrial areas, with their mowed lawns, ornamental trees, and building exteriors provide habitat for urbanized bird and mammal species. As natural habitat communities diminish in size and quality, wildlife are forced to adapt to the more urban environment. However, urbanization is not practical for the majority of wildlife species.

2.3.2. Value of Resources to Humans

In general, fish and wildlife resources are valuable to humans for recreational and aesthetic reasons. Many sportsmen hunt, fish and consume their catches. Wildlife resources are also enjoyed by naturalists who enjoy observations of wildlife during hiking and camping. However, the value of wildlife inhabiting the study area to humans is very limited. Access to Ley Creek and the MCRTC is restricted by fences; there are limited hunting opportunities available in the study area; and water quality and lack of a diverse fish community discourage use of the creek by fisherman. The wetlands in the off-Site study area serve a positive function as water retention basins in heavily developed areas that include considerable quantities of impermeable surfaces. In addition, wetland flora provides biological diversity, enhancing wildlife viewing opportunities.

2.4. POTENTIALLY APPLICABLE FISH AND WILDLIFE REGULATORY CRITERIA (STEP I-D)

In accordance with FWIA guidance (NYSDEC 1994), potentially applicable Fish and Wildlife Regulatory Criteria (FWRC) were identified for this analysis and are described below. FWRC are classified as either Site-specific or chemical-specific. Site-specific FWRC apply to features such as wetlands or streams potentially impacted by the Site. Chemical-specific FWRC are medium-specific regulatory contaminant concentration thresholds, for example, the NYS Ambient Water Quality Standards and sediment criteria, described below.

2.4.1. Site-specific FWRC

Site-specific FWRC are regulations that apply to freshwater wetlands; tidal wetlands; regulated streams; navigable waterbodies; coastal zones; significant fish and wildlife habitats; wild, scenic and recreational rivers; and RTE plant and animal species. The Coastal Zone Management and the tidal wetland FWRC are not addressed herein because the Site is not located in a Coastal Zone and is not influenced by tides.

Freshwater wetlands were identified through a review of NYSDEC and USFWS mapping. Regulated streams and navigable water bodies were identified through a review of 6 NYCRR Part 701. The potential presence of RTE plant and animal species as well as significant habitats was identified through a records search by the NYNHP performed at the request of O'Brien & Gere and a review of available information from the USFWS. As described previously, wetlands were identified for a distance of two miles surrounding the Site perimeter.

NYSDEC Freshwater Wetlands. The New York State Freshwater Wetlands Act (Article 24 of New York State Conservation Law) was promulgated in 1975 by the State of New York to preserve, protect, and conserve freshwater wetlands. Under the Act, NYSDEC was required to map the boundaries of wetlands greater than five hectares (12.4 acres) in size and to regulate the activities which can be conducted in these areas. Activities are also regulated within a 100 foot buffer zone around each wetland boundary depicted on the wetland map. The discharge of contaminants into NYS wetlands is a regulated activity under NYS Wetlands Laws.

NYS wetlands are classified according to the functions and values of the wetlands. Class I wetlands provide the most critical of the state's wetland benefits and are the most difficult for which to obtain permits. Class II

wetlands provide important wetland benefits and are also limited in permitted activities. Class III wetlands supply wetland benefits but have less stringent permit requirements. Class IV wetlands provide some wildlife and open space benefits, and activities may be permitted under certain circumstances. The NYSDEC wetlands within the study area, listed below, are designated Class II wetlands. Permits are issued in Class II wetlands if the activity satisfies a pressing economic or social need that clearly outweighs the loss of or detriment to the benefits of the wetland.

The state regulated wetland boundaries are presented on NYSDEC Freshwater Wetlands Maps for most of the topographic quadrangles in the state. Based on a review of the wetland maps, there are six state-regulated wetlands within two miles of the Site (Figure 5). The study area bisects portions of Wetland SYE 6, which occurs north and west of the study area, the NYS Thruway, and Factory Avenue, and east and west of Townline Road (Figure 5). The other wetlands within two miles of the Site are designated SYE-2, SYE-19, SYE-29, SYW-5, and SYW-8.

Federal Wetlands. The USEPA and USACE have joint jurisdiction for federal wetlands under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. A qualitative evaluation of wetland presence in the vicinity of the Site was performed through a review of NWI Maps that include the Site. NWI maps are prepared by the USFWS as an indication of waterfowl habitat in the US. Although the wetlands depicted on these maps are not regulated unless they also meet state or federal criteria, the NWI maps provide an indication of potential wetland presence in the vicinity of the Site. Figure 5 presents the locations of the NWI wetlands identified in the Site vicinity.

Regulated Streams. Disturbances to streams are regulated based on the classification of the stream. Stream classifications are presented in 6 NYCRR Section 895. According to NYCRR, the stretch of Ley Creek within the study area is a class "B" surface water. Class "B" waters are suitable for primary contact recreation and any other uses except as a source of water supply for drinking, culinary, or food processing purposes. Class "B" streams are protected by a permit system under 6 NYCRR Section 608, which regulates physical modifications or disturbances to protected streams, its bed, or banks.

Navigable Waterbodies. According to New York State Conservation Law, activities affecting navigable waterbodies are governed by 6 NYCRR Part 608. As defined by this Part, a navigable waterbody is one "upon which vessels with a capacity of one or more persons can be operated." Ley Creek appears to qualify as a navigable waterbody according to this definition.

2.4.2 Chemical-specific FWRC

Step I-D of the FWIA guidance (NYSDEC 1994) identifies criteria and guidance values that are potentially applicable to the evaluation of potential impacts to fish and wildlife resources as a result of exposures to chemicals in environmental media. For example, the following FWRC are listed in the guidance as potentially applicable: NYS Water Quality Standards (NYSDEC 1998b), NYSDEC sediment criteria (NYSDEC 1999), and the federal chemical-specific USEPA Ambient Water Quality Criteria (USEPA 2009). These FWRC are described below, as applicable.

Additional references are utilized for the identification of numeric chemical criteria (*e.g.*, ecological screening levels). The screening level sources chosen for a specific project or Site are primarily based on NYSDEC and USEPA direction and guidance. Media for screening are based on potential receptors and exposure scenarios existing at the Site. Table 5 presents a list of potential chemical-specific FWRC. Applicable state and federal regulatory criteria utilized in this assessment for comparison to Site media data are described below. Results of the screening of Site media samples to the FWRC are discussed in Section 3.

Surface Soil Screening References

6 NYCRR Part 375 (NYSDEC 2006). This document incorporates soil cleanup objectives, which are contaminant-specific cleanup objectives for soil based on a Site's current, intended, or reasonably anticipated future use. Separate sets of soil cleanup objectives were developed in consideration of public health, groundwater, and ecological resources. The values protective of ecological resources were utilized in this assessment.

Eco-SSLs. The USEPA (2010) has derived ecological soil screening levels (Eco-SSLs) that represent soil constituent concentrations that are protective of several types of biological organisms. The Eco-SSL derivation process represents the collaborative effort of a multi-stakeholder workgroup consisting of federal, state, consulting, industry and academic participants led by the USEPA, Office of Emergency and Remedial Response. It is emphasized that the Eco-SSLs are soil screening numbers, and as such are not appropriate for use as cleanup levels. Screening ecotoxicity values are derived to avoid underestimating risk. Requiring a cleanup based solely on Eco-SSL values would not be technically defensible.

Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision (Efroymson *et al*. 1997a). In this document, plant toxicity data are presented and used to derive benchmarks for screening the potential hazard to terrestrial plants caused by the presence of constituents in soil. The document presents phytotoxicity benchmarks for thirty-eight chemicals. The authors of the document intended that constituents in soil at concentrations exceeding both the phytotoxicity benchmark and the background concentration for the soil type be further evaluated for potential ecological effects.

Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision (Efroymson *et al.* 1997b). This reference presents toxicologically based benchmarks for soil invertebrates and microbial processes. If a chemical concentration or reported detection limit exceeds the screening benchmark, additional analysis may be needed to determine the hazards to exposed receptors. However, if the concentration or detection limit falls below the calculated benchmark, the constituent may be excluded from further study. The authors recognize that, due to the diversity of soils, fauna species, chemical forms, and test procedures, it is impossible to estimate concentrations that would constitute thresholds for toxic effects on the invertebrate communities at sites simply from published toxicity data. In this report, the method for deriving soil benchmarks is based on the NOAA's method for deriving the Effects Range Low (ERL) values (Long and Morgan 1990).

For the purposes of this report, the hierarchy for the screening criteria comparisons is as follows: NYSDEC (2006), USEPA (2010), and Efroymson *et. al.* (1997a, b)

Surface Water Screening References

Technical and Operational Guidance Series Number 1.1.1. New York State Ambient Water Quality Standards and Guidance Values (NYSDEC 1998b). The NYSDEC surface water quality standards and guidance values are specific to each "class" of water identified by the state. Standards and guidance values are ambient water quality values derived according to procedures that are in regulation (6 NYCRR Part 702). Standards are values that have been promulgated and placed into regulation. Guidance values may be considered where a standard for a substance or group of substances has not been established for a particular water class and type, but do not have the regulatory implications of the standards.

National Recommended Ambient Water Quality Criteria (USEPA 2009). The water quality criteria developed by USEPA under section 304(a) of the Clean Water Act are based on data and scientific and regulatory judgments about the relationship between chemical concentrations and environmental and human health effects, with provision of conservative scaling, or safety factors, to provide an additional margin of safety. These criteria do not reflect Site-specific factors, background or consideration of economic impacts of attempting to meet the criteria within the design of the wastewater facilities or the technological feasibility of meeting the chemical concentrations in ambient water. National recommended water quality criteria have been developed for 147 constituents. Criteria were also developed for an additional 10 constituents, but these criteria are solely for organoleptic effects (aesthetic consideration such as odor, appearance, taste, *etc.*).

ECO Update: Ecotox Thresholds (USEPA 1996). The USEPA's Superfund program has a project to develop media-specific screening values for chemicals commonly found in surface water and sediment samples. These values are referred to as Ecotox Thresholds (ETs), and are defined as media-specific contaminant concentrations above which there is sufficient concern regarding potential adverse ecological effects to warrant further site investigation. ETs are designed to provide Superfund site managers with a tool to efficiently screen for contaminants that may pose a threat to ecological receptors and focus further site activities on those contaminants and the media in which they are found. ETs are meant to be used for screening purposes only; ETs are not regulatory criteria, site-specific cleanup standards, or remediation goals.

Biological Technical Assistance Group (BTAG) Screening Value (Draft): Region 3 (USEPA 2006). The Region 3 BTAG Screening Benchmarks are values to be used for the evaluation of sampling data at Superfund sites. These tables include compounds for which sediment and surface water benchmark values have been established or that are considered bioaccumulative compounds. These values facilitate consistency in screening level ecological risk assessments throughout USEPA Region 3.

For the purposes of this report, the hierarchy for the criteria screening comparisons is as follows: NYSDEC (1998b), USEPA (2009), USEPA (2006), and USEPA (1996).

2.4.3. Surface Soil Background Values

In addition to the screening criteria sources described above, a comparison of surface soil constituent concentrations to regional and Site-specific background values was performed. For regional background, the maximum background values provided in *Background Concentrations of 20 Elements in Soils with Special Regard for New York State* (McGovern 1988) and the rural values presented in *New York State Brownfield Cleanup Program, Development of Soil Cleanup Objectives, Technical Support Document* (NYSDEC/NYSDOH 2006) were utilized for comparison to Site surface soil data.

For Site-specific background, analytical results from two surface soil samples collected from the Site in areas representative of Site background were utilized for comparison. During the 2003 Supplemental RI field investigation, two soil borings (OBG-TB-1-03, Southwest Property Area and OBG-TB-2-03, Southeast Property Area) were installed and soil samples were collected to evaluate background soil quality. Figure 3-2 from the *Final Off-site RI Report* for the Site (O'Brien & Gere 2013a) is included in Appendix D of this report and presents the locations of the soil borings. Soil samples from the 0 to 1 ft bgs interval were analyzed for Site-related metals (arsenic, chromium, copper, lead, nickel, and zinc). The analytical results for these samples are provided in Table B-5 of Appendix B of this Report.

3. NYSDEC FWIA STEP II – CONTAMINANT-SPECIFIC IMPACT ASSESSMENT

The Pathway Analysis (Step II-A) is the first step of the Contaminant-specific Impact Assessment, where Site-related constituents and potential pathways of contaminant migration to potential ecological receptors at the Site are evaluated. In accordance with the guidance (NYSDEC 1994), if no resources or pathways exist at the Site, or if impact is considered minimal, no further analysis is required. If complete pathways between constituents and resources are identified, a Criteria-specific Analysis (Step II-B) is performed.

3.1. POTENTIAL PATHWAYS

The following sections consider the primary potential exposure pathways and hypothetical receptors identified in this FWIA. An exposure pathway is a mechanism by which a receptor may be exposed to a chemical or physical agent at, or originating from, a source. The three primary routes of organism exposure are inhalation, ingestion, and dermal contact. Exposure pathways are classified as being complete or incomplete. An exposure pathway is complete when receptors exist that could contact a physical or chemical agent under specified conditions. The pathway is incomplete if there are no receptors or no exposures could occur under the specified conditions. Presented below is a discussion of the potential ecological pathways present at the Former Syracuse IFG Site under current conditions.

3.1.1. Terrestrial Habitat – Surface Soil Exposure Pathway

Characterization of the habitat of the Site indicated a sparse, low quality vegetative community over portions of the Site, due mainly to the large amount of development. The only terrestrial habitat present on the Site consists of the *mowed lawn* covertype located in the northern and northeastern property areas (Figure 4). These areas are maintained as mowed lawn with shallow-rooting grass species providing the only vegetative cover and prohibiting the development of a diverse vegetative community. Wildlife utilization of this area is limited to infrequent visits by songbirds and small mammals. In addition, the high degree of development and human activity in the surrounding areas limits this area's attractiveness to species typically adapted to less disturbed natural environments.

As described in Section 2.1.1, the performance of IRMs in the northern and northeastern portions of the Site has removed and/or covered most of the Site-related constituents formerly present in surface soils. As documented in the *SPDES Treatment System IRM Engineering Report* (O'Brien & Gere 2006a), the SPDES Treatment System IRM consisted of excavation of soils to construct a 5.54 million gallon retention pond in the northern property area, and construction of a storm water treatment system using filtration and activated carbon. Soil was characterized prior to excavation of the retention basin by installation of fifteen soil borings with samples collected at depths ranging from 2 feet to 14 feet below ground surface (bgs). The boring locations within the excavation limits are presented on Figure D-1 of Appendix D of this report. Based on analytical results, the soil was characterized as either restricted (*i.e.*, for soils beneath at least 1 foot of fill) or unrestricted (*i.e.*, for surface soil). Much of the excavated soil was placed in the northeastern property area in an area designated as the Soil Staging Area as part of the SPDES Treatment System IRM (see Figure D-2 of Appendix D of this report). Specifically, restricted soil was placed in the Soil Staging Area, covered with geotextile fabric as an indicator layer, subsequently covered with at least 1 foot of unrestricted soil, and then seeded to create a mowed lawn.

Table D1 in Appendix D of the 2010 *Revised RI/FS Report* provides a listing of samples that have been retained for use in the RI/FS. Figures 1 and 6 in Appendix D of the RI/FS depict the limits of the retention basin and Soil Staging Area as they relate to samples that have been collected at the facility. Figure 6 in Appendix D of the RI/FS provides the locations of Soil Staging Area samples collected prior to the placement of cover material.

In addition to the Soil Staging Area, an area termed the Consolidation Area, located in the northern area directly east of the retention basin, also received restricted soil overlain by at least 1 foot of unrestricted soil. Soil placed in the Consolidation Area originated from the SPDES Treatment System IRM as well as various construction activities at the Site. Similar to the Soil Staging Area, the soil placed in the Consolidation Area was covered with a geotextile fabric indicator layer, a minimum of 1 foot of soil exhibiting less than 1 mg/kg of PCBs, and then seeded to create the mowed lawn.

The surface soil placed in the mowed lawn area was evaluated for this assessment and included a screening of analytical data from twenty two samples collected from the following eight locations representing the stockpiled soil: OBG-TB-02-8, OBG-TB-02-9, OBG-TB-02-10, OBG-TB-02-11, OBG-TB-02-14, OBG-TB-02-15, TS-01, and TS-02. These samples were representative of soils excavated from the footprint of the retention basin and subsequently used as the surface cover over the Soil Staging Area in the northeastern property area. Because this soil was placed as the 1 foot cover over the northeastern property area, the samples collected from multiple depth intervals (*i.e.,* 0 to 12 ft bgs) were included in the screening assessment. The analytical results of these samples are presented as Appendix B (Table B-1) of this FWIA Report and discussed further in Section 3.2.1., below.

Based on the potential utilization of the mowed lawn habitat by wildlife and the presence of Site-related constituents in surface soil, the surface soil exposure pathway is considered complete.

3.1.2. Aquatic Habitat - Surface Water Exposure Pathway

The only aquatic habitat present on-Site is the stormwater retention basin that was constructed in the northern property area as part of an IRM. As previously described, the SPDES Treatment System IRM consisted of construction of a retention basin and treatment system to provide adequate storage and treatment of stormwater flows discharging at Outfall 003 and former Outfall 004.

As described in Section 2, wildlife (birds) were observed utilizing the retention basin. However, wildlife utilization of the basin overall is limited due to the marginal habitat quality provided by the basin. Surface water is only present intermittently, the banks and bottom are lined with gravel and submerged and emergent vegetation, necessary for wildlife cover and foraging, is generally lacking within the basin. Local disturbances provided by nearby road traffic and facility activity further limits wildlife use of the area.

Two samples, WS-112806-ER-001 and WS-113006-ER-001, were taken from surface water of the retention basin in November 2006. Sample WS-112806-ER-001 was the only sample with detected constituent concentrations: copper, nickel, zinc, and trichloroethene. As further described in Section 3.2.2 below, the concentrations of the detected constituents were lower than each of the selected screening criteria.

Four separate surface water samples (GM-SPDES-005) taken from Outfall 005 were analyzed on March 9, June 20, and December 28, 2009, and March 5, 2010. Analysis of these samples indicated seven detected constituents (aluminum, iron, zinc, Aroclor-1248, chloroform, cis-1,2-dichloroethene, and trichloroethene). However, maximum concentrations of only Aroclor-1248, aluminum and iron were above the screening criteria. The analytical results of the surface water and outfall samples are discussed further in Section 3.2.2., below.

Based on the observed use of the basin by wildlife and the presence of Site-related constituents in surface water, the surface water exposure pathway is considered complete.

3.1.3. Groundwater Exposure Pathway

Ecological exposures, if any, to Site-related constituents in groundwater are typically limited to direct contact exposures from shallow groundwater to soil invertebrates, plant roots, and/or burrowing animals. However, wildlife inhabiting or utilizing the Site are not likely to contact groundwater since dens or burrows are not excavated or inhabited below the water table, which ranges between 2 and 13 feet bgs and averages 6 feet bgs at the Site, and wildlife food sources occur above ground or in shallow soil. Additionally, shallow groundwater does not discharge to the surface on the Site, such as via seeps. Therefore, the groundwater exposure pathway is considered incomplete.

However, the shallow groundwater flow direction is generally northeast across the Site toward Ley Creek, resulting in the potential for constituents in surface soil and groundwater to be transported to Ley Creek where ecological receptors are potentially exposed. While the inaccessibility of potential on-Site receptors to groundwater indicates that the groundwater exposure pathway is incomplete for the Site, the groundwater exposure pathway is complete for off-Site receptors due to exposure to Site constituents via groundwater migration from the Site into Ley Creek. However, the relative contribution of Site-related constituents to residual levels of constituents in Ley Creek is unknown. Once discharged to surface water, aquatic receptors,

including water column organisms, benthic invertebrates and upper trophic level receptors, may become exposed to groundwater constituents via direct contact, incidental ingestion, and ingestion of affected prey.

Shallow (less than 15 ft bgs) groundwater data was collected from wells located near Ley Creek to evaluate potential exposures by water column organisms and wildlife via groundwater discharge to Ley Creek. The following shallow wells were included in the evaluation: MW-12, MW-13, OBG-1, OBG-2, OBG-25S, OBG-26S, OBG-27S, OBG-3, OBG-4, OBG-5, OBG-7A, OBG-7B and OBG-7C. The analytical results of the groundwater samples are discussed further in Section 3.2.3., below.

3.2. CRITERIA SPECIFIC ANALYSIS

This analysis, Step IIB of the FWIA process, uses background values (regional and Site-specific) and the FWRC identified in Section 2.4.2 and 2.4.3., above, for comparison to the media data discussed in Section 3.1, as an assessment of potential impact to ecological receptors. The results of the surface soil, surface water and shallow groundwater screening evaluation are presented below. The data set utilized in this assessment is presented in Appendix B. Tables 6a, 7 and 8a present the screening of detected constituents in surface soil, surface water and Outfall 005 surface water, respectively, to identify constituents of potential concern (COPCs). Appendix C presents the results of a comparison of the detection limits of non-detected analytical results to the respective FWRC. Table 9 presents a comparison of constituents detected in shallow ground water to the surface water FWRC utilized n this assessment.

Following the initial screening and selection of the COPCs for surface soil and surface water, a secondary screening was performed to refine and evaluate the COPCs utilizing background values and less conservative benchmarks and media concentrations.

For the secondary screening, statistical methods were applied to the surface soil data in order to develop an upper confidence limit (UCL) of the mean. These methods were not utilized for the surface water data due to the limited number of samples. The ProUCL statistical software package (Version 4.1; USEPA 2011) was used to examine the surface soil data distribution and develop a UCL (or exposure point concentration). ProUCL was run using Regression on Order Statistics (ROS), which is a method used to account for non-detect samples in the data set. ROS infers values for non-detect samples based on the distribution of detected data, thus eliminating the influence of high detection limits. ProUCL recommends the appropriate UCL to use given the distribution type. The UCL recommended by ProUCL was subsequently applied for comparison to the benchmarks. In cases where multiple recommendations were made by ProUCL, the first recommendation was selected and utilized. There was no statistical reason for this selection; this methodology was simply a way to standardize the selection of UCLs in situations where ProUCL provided more than one option. The mean or average COPC concentration was calculated in ProUCL using Kaplan-Meier (KM) and ROS methods. The ProUCL raw data output in included in Appendix B as Table B-6. The surface soil UCL and average values are presented in Table 6b.

3.2.1. Surface Soil Screening Results

Table 6a presents the results of the screening of twenty two samples that are representative of soils placed at a depth of 1 foot bgs over the northeastern property area. Surface soil samples were analyzed for Site-related metals, PCBs, SVOCs and VOCs. As shown on Table 6a, the maximum detected constituent concentration was compared to the lowest chemical-specific value selected from eight potential references available from the literature and identified as FWRC.

Of the 36 detected constituents, 26 had maximum concentrations detected below the lowest of the chemical-specific screening values. Five constituents had no available screening values, bis (2-ethylhexyl) phthalate, butyl benzylphthalate, cis-1,2 dichloroethene, di-n-octylphthalate and carbon disulfide. Only five constituents, (chromium, copper, lead, nickel, and zinc) had maximum detected concentrations greater than the lowest chemical-specific screening value. These constituents were identified as COPCs.

In accordance with ERAGS Step 3 (USEPA 1997), the list of COPCs was refined to generate a list of final constituents of concern. The refinement step included an evaluation of frequency and magnitude of detection and an additional comparison of average and UCL COPC concentrations to a hierarchy of less conservative

screening values as presented in the FWRC and supplemental values identified from the literature. Constituents detected at a frequency of less than or equal to 5% were eliminated from further consideration, and COPCs with average concentrations below less conservative screening values were also eliminated.

Two COPCs, butyl benzylphthalate and di-n-octylphthalate were eliminated based on low detection frequency (1/21 or 4.8 %). The remaining three organic COPCs also had generally low detection frequencies: bis (2-ethylhexyl) phthalate (2/21), cis-1,2 dichloroethene (2/15) and carbon disulfide (3/16). However, these COPCs were initially retained as their detection frequencies were greater than 5%. An additional screening of these COPCs could not be performed as less conservative screening values were not available in the FWRC utilized in this assessment. However, supplemental screening values were identified using the *Risk Assessment Information System (RAIS), Ecological Benchmark Tool* (RAIS 2012). The RAIS identified ecological screening levels for RCRA Appendix IX hazardous constituents from USEPA Region 5. Based on the comparison to the supplemental values, the maximum concentrations of cis-1,2 dichloroethene (0.001 mg/kg versus 0.784 mg/kg) and carbon disulfide (0.005mg/kg versus 0.941 mg/kg) are below the screening value. Further, the mean concentration of bis (2-ethylhexyl) phthalate (1.23 mg/kg) is only slightly above the supplemental screening value (0.925 mg/kg).

Each of the remaining five inorganic COPCs (chromium, copper, lead, nickel, and zinc) were detected at frequencies greater than 5% and, as discussed above, each of their maximum concentrations exceeded the lowest screening value. Results of the less conservative screening of these COPCs to the hierarchy of FWRC identified in Section 2.4.2 is presented in Table 6c. The comparison of the COPC concentrations to regional and Site-specific background values are presented in Table 6d. The COPC-specific results are described below.

Chromium

- UCL and average chromium concentrations had ratios less than one when compared to NYSDEC (2006) values for the protection of ecological resources.
- UCL and average chromium concentrations had ratios less than one when compared to Eco-SSLs for birds and mammals.
- Eco-SSL values for invertebrates and plants were unavailable for chromium.
- UCL and average chromium had ratios greater than one when compared to values for the protection of earthworms (45 and 37), microorganisms and microbial processes (1.8 and 1.5, respectively) and terrestrial plants (18 and 15 respectively).
- Average concentrations of chromium were less the respective NYS Maximum Background Value, Rural Background Concentration, and one of the two Site-specific background concentrations. The UCL concentration had a ratio of 1.01 when compared to the Rural Background Concentration. Average and UCL concentrations had ratios greater than one (2.02 and 2.28, respectively) when compared to the second Site-specific background concentration.
- Although a potential for risk exists for earthworms, microorganisms and microbial processes and plants exposed to chromium at the Site, chromium is eliminated from further evaluation based on Site concentrations being less than NYSDEC (2006) values for the protection of ecological resources, Eco-SSL values for birds and mammals, and regional and one of the Site-specific background concentrations.

Copper

- UCL and average concentrations of copper were below each of the FWRC utilized in this assessment.
- The UCL copper concentration exceeded only one of the four background values with a ratio of 1.3 when compared to one of the Site-specific concentrations.
- Copper is eliminated from further evaluation due to no exceedances of screening benchmarks.

Lead

- UCL and average concentrations of lead were below each of the FWRC utilized in this assessment excepting the Eco-SSL for birds where the UCL ratio was 1.1.

- The UCL and average concentrations of lead were less than the respective NYS Maximum Background Value, Rural Background Concentration, and one of the two Site-specific background concentrations. Average and UCL lead concentrations had ratios greater than one (1.6 and 1.8, respectively) when compared to the second Site-specific background concentration.
- Lead is eliminated from further evaluation due to no exceedances of priority screening benchmarks.

Nickel

- UCL and average concentrations of nickel were below each of the FWRC utilized in this assessment.
- The UCL and average concentrations of nickel were less the respective NYS Maximum Background Value, Rural Background Concentration, and one of the two Site-specific background concentrations. UCL nickel concentrations had ratios greater than one (1.1 and 2.1) when compared to the two Site-specific background concentrations.
- Nickel is eliminated from further evaluation due to no exceedances of screening benchmarks.

Zinc

- UCL and average concentrations of zinc were below each of the FWRC utilized in this assessment excepting the Eco-SSL for birds (UCL ratio = 1.3, average ratio = 1.2) and the value for the protection of plants (UCL ratio = 1.2, average ratio = 1.1).
- The UCL and average zinc concentrations were less that the Rural and one Site-specific background concentrations. Ratios were greater than one when compared to the NYS Maximum Background Value (1.2 and 1.1, respectively) and one of the Site-specific background concentrations (2.5 and 2.3, respectively).
- Although a potential for risk exists for exposures to zinc for birds and plants utilizing the Site, zinc is eliminated from further evaluation based on Site concentrations being less than NYSDEC (2006) values for the protection of ecological resources, Eco-SSL values for mammals and plants, earthworms and microorganisms/ microbial processes and select background values.

Based on the results of the secondary screening evaluation the identified COPCs are eliminated and, in concert with the likely infrequent utilization of the mowed lawn covertype at the Site by ecological receptors, further evaluation of potential risk to receptors associated with the terrestrial exposure pathway is considered unwarranted.

3.2.2. Surface Water Screening Results

Surface Water of the Retention Basin

Surface water samples collected from within the retention basin were analyzed for Site-related metals, PCBs, SVOCs and VOCs and results were screened against applicable screening criteria for potential ecological effects via the aquatic exposure pathway. Results of the screening process are presented on Table 7.

Only four constituents (copper, nickel, zinc, and trichloroethene) were detected in surface water samples collected from the basin. The concentrations of the detected constituents were lower than each of the selected screening criteria and, therefore, do not pose an unacceptable risk to aquatic receptors.

Surface Water of Outfall 005

In addition to the two samples collected from within the basin, surface water samples were also periodically collected from Outfall 005 which receives discharge from the retention basin following significant storm events that exceed the capacity of the treatment plant. Samples were analyzed for Site-related metals, PCBs, and select SVOCs and VOCs. An additional surface water screening was done for samples collected from Outfall 005.

As shown on Table 8a, seven constituents were detected in the samples from Outfall 005, including three metals (aluminum, iron, and zinc), one PCB (Aroclor 1248), and three VOCs (chloroform, cis-1,2-dichloroethene, and trichloroethene). Aluminum, iron and Aroclor 1248 were the only constituents with maximum detected concentrations in exceedance of the lowest available surface water screening criteria. The remaining four

constituents had maximum concentrations below the minimum screening criteria. Therefore, aluminum, iron and Aroclor 1248 were retained as COPCs and further evaluated via a secondary screening process discussed below.

The secondary screening of Outfall 005 COPCs included comparing average COPC concentrations to the identified FWRC in accordance with the hierarchy of FWRC identified in Section 2.4.2: NYSDEC (1998b), USEPA (2009), USEPA (2006a), and USEPA (1996). Results of the secondary screening are presented in Table 8b and summarized below.

Aluminum

- When compared to NYSDEC (1998b) values for the protection of fish propagation, the average concentration of aluminum at Outfall 005 resulted in a ratio exceeding one (3.0).
- When compared to USEPA (2009 and 2006a) surface water quality values, the average concentration of aluminum at Outfall 005 resulted in a ratio exceeding one (3.4).
- Three of the four detections of aluminum at Outfall 005 were lower than each of the surface water screening criteria utilized in the screening process.
- A potential risk exists to water column organisms from exposure to aluminum in the surface water of Outfall 005 based on screening criteria exceedances.

Iron

- When compared to NYSDEC (1998b) values for the protection of fish propagation, the average concentration of iron at Outfall 005 resulted in a ratio equaling one.
- When compared to USEPA (2009) ambient water quality values, the average concentration of iron resulted in a ratio of less than one.
- When compared to USEPA (2006 and 1996) surface water quality values, the average concentration of iron resulted in a ratio less than one.
- Iron was eliminated from further evaluation based on comparisons to screening values resulting in ratios equaling or less than one

Aroclor 1248

- The average concentration of Aroclor 1248 exceeded the NYSDEC (1998b) value for the protection of wildlife resulting in a ratio of 1000.
- When compared to USEPA (2009 and 2006) ambient water quality values, the average concentration of Aroclor resulted in ratios of 8.9 and 17, 000, respectively.
- The average concentration of Aroclor 1248 was below the USEPA 1996 screening criteria.
- A potential risk exists to wildlife and water column organisms from exposure to Aroclor 1248 in the surface water of Outfall 005 based on three of four screening criteria exceedances.

Based on the results of the Outfall 005 surface water screening evaluation, a potential exists for ecological receptors of the retention basin to be exposed to aluminum and Aroclor 1248. However, only one of four detections of aluminum was greater than the selected screening criteria. Further, exposures are expected to be infrequent based on the intermittent occurrence of surface water in the vicinity of Outfall 005 as water is only discharged to Outfall 005 during extreme precipitation events.

Additionally, there may be transport of aluminum and Aroclor 1248 in surface water to Ley Creek via discharges at Outfall 005. Potential exposures to aquatic receptors of Ley Creek are evaluated in the *Off-Site Baseline Ecological Risk Assessment Report, Former IFG Facility and Deferred Media Site*. (O'Brien & Gere 2013c).

3.2.3. Groundwater Screening Results

Table 9 presents the results (as ratios or quotients) of the screening of shallow groundwater data collected from off-site wells located in the vicinity of Ley Creek. Of the nineteen constituents detected in shallow groundwater, three constituents had average and maximum detected concentration ratios greater than or equal to one when compared to NYSDEC Ambient Water Quality Standards (NYSDEC 1998b), including iron (average = 21.9, maximum = 122), lead (average and maximum = 1.41), and zinc (average = 1.61, maximum = 9.65). Only one screening value, for total PCBs, was available for the protection of wildlife (NYSDEC 1998b). Total PCBs had average (5.56) and maximum (8.33) detected concentration ratios greater than one when compared to the wildlife FWRC.

Six constituents had average and maximum detected concentration ratios greater than or equal to one when compared to USEPA (2009a) values, including chromium (average = 26.5, maximum = 65.7), copper (average = 188, maximum = 272), iron (average = 6.58, maximum = 36.6), lead (average = 1,410; maximum = 1,410), nickel (average = 99.6, maximum = 323), zinc (average = 1,610; maximum = 9.650). One constituent, total PCBs, had only a maximum detected concentration ratio greater than or equal to one (71.4).

Eleven COCs had average and maximum detected concentration ratios greater than or equal to one when compared to USEPA (2006a) values, including ten metals (arsenic (average = 1.58, maximum = 2.46), barium (average = 14, maximum = 22.8), calcium (average = 3.7, maximum = 5.87), chromium (average = 26.5, maximum = 65.7), copper (average = 188, maximum = 727), iron (average = 21.9, maximum = 122), lead (average and maximum = 1,410), manganese (average = 8.51, maximum = 23.4), nickel (average = 99.6, maximum = 323), and zinc (average = 1,610, maximum = 9,650)), and total PCBs (average = 9.01, maximum = 13,500).

Eight COCs had average and maximum detected concentration ratios greater than or equal to one when compared to USEPA (1996) values for the protection of fish, including barium (average = 14.3, maximum = 23.4), chromium (average = 11.1, maximum = 27.4), copper (average = 148, maximum = 573), iron (average = 6.58, maximum = 36.6), lead (average and maximum 1,630), manganese (average = 12.8, maximum = 35.1), nickel (average = 33, maximum = 107), and zinc (average = 5,850, maximum = 35,100). Total PCBs (5.26) only had a maximum detected concentration ratio greater than or equal to one.

Based on the screening results, potential risk to fish and wildlife of Ley Creek exists from exposures to constituents (primarily PCBs and metals) discharging from shallow groundwater. However, the concentrations of constituents detected in groundwater wells would likely be decreased via degradation and/or attenuation prior to their discharge to the surface water of Ley Creek, minimizing the risk posed to receptors.

The *Off-Site Baseline Ecological Risk Assessment Report, Former IFG Facility and Deferred Media Site* (O'Brien & Gere 2013c; BERA) evaluates potential exposures to the aquatic receptors of Ley Creek via a comparison of surface water and sediment constituent concentrations to applicable screening values and food chain modeling. Section 8.1-Risk Characterization of the BERA presents the results of the evaluation of exposures to constituents in these media by benthic invertebrates, fish, piscivorous birds and semi-piscivorous mammals. In general, the BERA concludes the potential risk to the aquatic receptors of Ley Creek is driven primarily by total PCB concentrations in sediment.

3.2.4. Screening of Detection Limits for Non-detected Constituents

At the request of the NYSDEC, a screening was performed to evaluate if, for non-detected constituents, the detection limit exceeded an associated screening benchmark. The results of the detection limit screening for surface soil and surface water are presented in Appendix C and discussed in this Section.

Table C-1 of Appendix C presents the list of surface soil constituents that were not detected and that have screening benchmarks. Only one of the twenty-one constituents (pentachlorophenol) had a detection limit that exceeded a screening value. Specifically, pentachlorophenol had five detection limits which ranged from 1.7 mg/kg to 2.2 mg/kg. The screening values for this constituent ranged from 0.8 mg/kg to 400 mg/kg. Therefore, the highest detection limit (2.2 mg/kg) narrowly exceeds the lowest screening value (0.8 mg/kg) by less than a factor of three.

Table C-2 of Appendix C presents the list of non-detected surface water constituents from the retention pond that have screening benchmarks referenced in the FWRC. Thirty of the 71 constituents shown on Table C-2 had detection limits that exceeded a screening value. These constituents included: seven PCBs, eighteen SVOCs and five VOCs. Many of these exceedances are within one or two orders of magnitude of the screening value; however, the following constituents had detection limits that were at least three orders of magnitude higher than their screening values: PCBs, anthracene, benz(a) anthracene, benzo(a)pyrene, fluoranthene pyrene and hexachlorobenzene. Although the detection limits for these constituents are elevated relative to their screening values, there is significant uncertainty associated with this data because it is unknown if these constituents are, in fact, present in the surface water.

4. SUMMARY AND CONCLUSIONS

This revised FWIA Report was completed for the Former IFG Facility Site in accordance with Steps I and II of the NYSDEC's FWIA guidance document (NYSDEC 1994). This revision includes responses to NYSDEC comments of August 23, 2010 on the draft FWIA Report (O'Brien & Gere 2010a) submitted to NYSDEC in July 2010 and NYSDEC comments of January 24 and March 1, 2013 on the revised document. Step I included a Site description in terms of topography, covertypes, drainage, fish and wildlife resources and value, and identification of potentially applicable fish and wildlife criteria. Step II was performed to evaluate potential impacts of Site-related constituents on the identified fish and wildlife resources, including a Pathway Analysis (Step II-A) and Criteria-specific Analysis (Step II-B).

This report includes the assessment of potential ecological impacts associated only with the Former IFG Facility Site. Historical investigations were evaluated herein to supplement this FWIA Report. A SLEA was prepared for the Site in 1999 (O'Brien & Gere 1999) which included an evaluation of potential Site-related impacts to ecological receptors of the main facility Site and the surrounding habitats. Findings of that assessment included the potential for Site-related impacts to receptors due to constituent concentrations in Site surface soils, and in off-Site surface water and sediment of Ley Creek. Sampling performed subsequent to the preparation of the SLEA in State-mapped wetland SYE-6 located immediately west of the Site indicated the presence of Site-related constituents in wetland soil/sediment of that area. However, these off-Site areas are the subject of a separate evaluation that is documented in *Revised Off-Site Remedial Investigation Report, Former IFG Facility and Deferred Media Site* (O'Brien & Gere 2012a). In addition, the performance of multiple IRMs in on-Site areas has removed or covered impacted Site surface soils such that potential exposures to wildlife that may utilize the Site are limited.

The industrialized nature of the Site (*i.e.,* presence of buildings, paved surfaces, and stormwater management facilities) minimizes the habitat value of the Site to terrestrial and aquatic fauna. Available on-Site ecological habitat is limited to *mowed lawn* terrestrial habitat and stormwater management facilities (retention basin) for aquatic habitat. These habitats are of relatively poor quality due to the lack of vegetative density and diversity. The mowed lawn and lack of shrub and tree species provides minimal forage value due in part to the lack of fruit/berries and mast typically consumed by some wildlife. As stated in USEPA's *Wildlife Exposure Factors Handbook* (USEPA 1993), the American robin (*Turdus migratorius*), a species representative of songbirds that may forage from the Site, prefers moist woods or fruit-bearing trees and shrubs during the non-breeding season.

Periodic maintenance and monitoring of the mowed lawn area, the intermittent presence of surface water in the retention basin, and the existence of a chain-link fence surrounding the Site limit the duration and frequency of potential utilization of these areas by wildlife. Some of the wildlife species most likely to utilize these habitats are migratory birds (*e.g.,* songbirds and waterfowl) and due to their migratory nature, their potential utilization of the Site could be limited to only approximately 50 to 60 percent of the year. Wildlife utilization of the retention pond and mowed lawn areas is further limited by the presence of snow cover on the mowed lawn habitat and ice cover in the basin during winter months, thereby restricting access by birds and most small mammals to available forage.

The close proximity of these low quality habitats on the Site to higher quality undeveloped habitats off-Site but within the off-Site study area (*e.g*., forested wetlands to the north of the Site) suggests that some wildlife may preferentially utilize the higher quality off-Site habitats, or otherwise utilize the On-Site areas only temporarily.

The numerous IRMs that have been completed on the Site minimize or eliminate potential exposure of area wildlife to Site-related constituents. Exposure areas identified at the Site are limited to the *mowed lawn* terrestrial covertype of the northern and northeastern property areas and the *retention basin* as the only aquatic covertype. Exposures to potential terrestrial and aquatic ecological receptors were assessed through screening of on-Site soil sample analytical data representative of the surface soils placed over the northeastern property area and surface water samples taken from the retention basin and the basin's Outfall 005.

Data from soils representative of the 0 to 12 inch bgs interval indicate that 36 constituents were detected in the 22 samples evaluated. Twenty-six had maximum concentrations detected below the lowest of the chemical-

specific screening values. Five constituents had no available screening values, but were detected at low detection frequencies: bis (2-ethylhexyl) phthalate (2/21), butyl benzylphthalate (1/21), cis-1,2 dichloroethene (2/15), di-n-octylphthalate (1/21) and carbon disulfide (3/16). Only five metals (chromium, copper, lead, nickel, and zinc) had maximum detected concentrations in exceedance of the lowest chemical-specific screening criteria. However, mean concentrations of copper, lead and nickel were less than the lowest screening value and the mean concentration of zinc (53.6 mg/kg) was only slightly above the lowest screening value (46 mg/kg). UCL and average chromium concentrations had ratios less than one when compared to NYSDEC (2006) values for the protection of ecological resources and Eco-SSLs for birds and mammals. Therefore, the surface soil screening evaluation indicates minimal risk to terrestrial ecological receptors potentially utilizing the mowed lawn habitat available at the Site.

Surface water sample analytical data indicates no exceedances of surface water screening criteria for constituents detected in the retention basin. In samples collected from Outfall 005, aluminum, iron and Aroclor 1248 were the only constituents with maximum detected concentrations in excess of the lowest available surface water screening criteria. When compared to NYSDEC (1998b) values for the protection of fish propagation, the average concentration of aluminum at Outfall 005 resulted in a ratio exceeding one (3.0). However, three of the four detections of aluminum at Outfall 005 were lower than each of the surface water screening criteria utilized in the screening process When compared to NYSDEC (1998b) values for the protection of fish propagation, the average concentration of iron at Outfall 005 resulted in a ratio equaling one, and ratios were less than one when compared to values from USEPA (2009). The average concentration of Aroclor 1248 at Outfall 005 resulted in screening ratios greater than one for three of the four FWRC. Therefore, based on the results of the Outfall 005 surface water screening evaluation, potential exposures to aluminum and Aroclor 1248 exist for ecological receptors of the retention basin in the vicinity of Outfall 005. Additionally, there may be transport of aluminum and Aroclor 1248 in surface water to Ley Creek via infrequent discharges at Outfall 005.

Based on the screening of shallow groundwater data collected off-site and adjacent to Ley Creek to surface water criteria and guidance values, potential risk to fish and wildlife of Ley Creek exists from exposures to constituents (primarily PCBs and metals) discharging from shallow groundwater. However, the concentrations of constituents detected in groundwater wells would likely be decreased via dilution at the point of discharge and/or degradation and/or attenuation prior to their discharge to the surface water of Ley Creek, minimizing the risk posed to receptors.

Potential impacts to off-Site receptors via the discharge of aluminum and Aroclor 1248 in Outfall 005 surface water and metals and PCBs in shallow groundwater to Ley Creek are evaluated in the *Off-Site Baseline Ecological Risk Assessment Report, Former IFG Facility and Deferred Media Site*. (O'Brien & Gere. 2013c). The BERA Report evaluates potential exposures to the aquatic receptors of Ley Creek via a comparison of surface water and sediment constituent concentrations to applicable screening values and food chain modeling. Section 8.1-Risk Characterization of the BERA presents the results of the evaluation of exposures to constituents in these media by benthic invertebrates, fish, great blue heron and mink. In general, the BERA (Section 10.1) concludes the potential risk to the aquatic receptors of Ley Creek is driven primarily by total PCB concentrations in sediment.

The findings of this FWIA performed for the Former IFG Facility Site result in the conclusion that impacts to ecological receptors potentially utilizing the Site are minimal and further assessment of potential ecological impact is not warranted.

5. REFERENCES

Chambers, R. E. 1983. *Integrating Timber and Wildlife Management*. State University of New York College of Environmental Science and Forestry, Syracuse, New York.

EDI Engineering & Science. 1985. *Oil and PCB Sampling and Analyses of Portions of Ley Creek*. Onondaga County, New York.

Edinger, G.J., D.J. Evans, S. Gebauer, T.G. Howard, D.M. Hunt, and A.M. Olivero (editors). 2002. *Draft Ecological Communities of New York State*. Second Edition. New York Natural Heritage Program, New York State Department of Environmental Conservation, Albany, New York.

Efroymson, R.A., M.E. Will, G.W. Suter II and A.C. Wooten. 1997a. *Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision*. Oak Ridge National Laboratory, Tennessee. ES/ER/TM-126/R2.

Efroymson, R.A., M.E. Will and G.W. Suter II. 1997b. *Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision*. Oak Ridge National Laboratory, Tennessee. ES/ER/TM-126/R2.

Long, E.R. and L. G. Morgan. 1990. The Potential for Biological Effects of Sediment-sorbed Contaminants Tested in the National Status and Trends Program. NOAA Technical Memorandum NOS OMA 52. National Oceanic and Atmospheric Administration. Seattle, Washington.

McGovern, E.C. 1988. *Background concentrations of 20 elements in soils with special regard for New York State*. Albany, NY: New York State Department of Environmental Conservation.

National Wetland Inventory (NWI). 2010. NWI Database. New York State Wetlands. U.S. Fish & Wildlife Service. Branch of Resource and Mapping Support. http://www.fws.gov/wetlands/Data/DataDownload.html. Data downloaded February 23, 2010.

New York State Department of Environmental Conservation (NYSDEC). 1992. *Biennial Report, Rotating Intensive Basin Studies, Water Quality Assessment Program, 1989-1990, Allegheny River Basin, Lake Ontario Basin, Genesee River Basin, Seneca-Oneida-Oswego Basin, Mohawk River Basin*. New York State Department of Environmental Conservation, Albany, New York.

NYSDEC. 1994. *Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites*. New York State Department of Environmental Conservation, Division of Fish and Wildlife, Albany, New York.

NYSDEC. 1998a. *Generic Ecological Risk Assessment Guidance for Onondaga Lake Sites*. New York State Department of Environmental Conservation. Albany, New York. April 7.

NYSDEC. 1998b. TOGS 1.1.1. *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*. New York State Department of Environmental Conservation. Albany, New York.

NYSDEC. 1999. *Technical Guidance for Screening Contaminated Sediments*. Division of Fish, Wildlife, and Marine Resources. Albany, New York.

NYSDEC. 2006. *Remedial Program Soil Cleanup Objectives*. 6 NYCRR Subpart 375-6.

NYSDEC. 2007. *New York State Regulatory Freshwater Wetlands For Onondaga County* (ARC Export: 2007). Downloaded from Cornell University Geospatial Information Repository (CUGIR). http://cugir.mannlib.cornell.edu/datatheme.jsp?id=111. Last updated June 11, 2007.

NYSDEC. 2010a. New York State Herp Atlas Project. Available at: http://www.dec.ny.gov/animals/9412.html. April 2010.

NYSDEC. 2010b. New York State Breeding Bird Atlas 2000-2005. Available at: http://www.dec.ny.gov/animals/7312.html. Accessed May 25, 2010.

NYSDEC and NYSDOH. 2006. *New York State Brownfield Cleanup Program, Development of Soil Cleanup Objectives, Technical Support Document*. Available from: http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf. September.

New York Natural Heritage Program (NYNHP). 2010. Letter from Tara Salerno, NYNHP, to Abby Morton (O'Brien & Gere). May 18, 2010.

O'Brien & Gere. 1999. *Screening Level Ecological Assessment Former IFG Facility and Ley Creek Deferred Media, General Motors Corporation*. Syracuse, New York.

O'Brien & Gere. 2000. *Supplemental Remedial Investigation Report*. *General Motors Corporation*. Syracuse, New York.

O'Brien & Gere. 2006a. *Former Landfill IRM Engineering Report.* November 1, 2006. *General Motors Corporation*. Syracuse, New York.

O'Brien & Gere. 2006b. *Former Drainage Swale IRM Engineering Report.* January 20, 2006. *General Motors Corporation*. Syracuse, New York.

O'Brien & Gere. 2006c. *SPDES Treatment System IRM Engineering Report.* January 20, 2006. *General Motors Corporation*. Syracuse, New York.

O'Brien & Gere. 2010a. *Revised Remedial Investigation Report for the Former IFG Facility*. Racer Trust. Detroit Michigan. October 31, 2010.

O'Brien & Gere. 2010b. *Conceptual Site Model Report.* June 2010. *Motors Liquidation Corporation*. Detroit, Michigan.

O'Brien & Gere. 2013a. *Final Off-Site Remedial Investigation Report, Former IFG Facility and Deferred Media Site*. Racer Trust. Detroit Michigan. March 12, 2013.

O'Brien & Gere. 2013b. *Off-Site Feasibility Study Report, Former IFG Facility and Deferred Media Site*. Racer Trust. Detroit Michigan. May 17, 2013.

O'Brien & Gere. 2013c. *Final Off-Site Baseline Ecological Risk Assessment Report, Former IFG Facility and Deferred Media Site*. Racer Trust. Detroit Michigan. March 2013.

Rhodes, Jr., C. A. and M. M. Alexander. 1980. Onondaga County Wetlands Inventory 1976 – 1978: Northern Towns – Vol. 2. Onondaga County Environmental Management Council.

Risk Assessment Information System (RAIS). 2012. *Ecological Benchmark Tool*. World Wide Web location: http://rais.ornl.gov/tools/eco_search.php

Thompson, H. 1966. *Geography of New York State*. Syracuse University Press. Syracuse, New York.

United States Environmental Protection Agency (USEPA). 1993. *Wildlife Exposure Factors Handbook, Volume I of II.* Office of Research and Development. Washington, D.C. December.

USEPA. 1996. *ECO Update: Ecotox Thresholds*. Solid Waste and Emergency Response, Washington, D.C.

USEPA. 1997. *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*. Interim Final. United States Environmental Protection Agency Environmental Response Team. EPA 540-R-97-006. Edison, New Jersey.

USEPA. 2006. *Region 3 BTAG Screening Values*. Draft. July/August 2006. (Available at: http://www.epa.gov/reg3hscd/risk/eco/index.htm.

USEPA. 2009. *National Recommended Ambient Water Quality Criteria*. Office of Water. Office of Science and Technology.

USEPA. 2010. *Ecological Soil Screening Level (Eco-SSLs) Guidance and Documents*. World Wide Web location: http://www.epa.gov/ecotox/ecossl/. October 2010.

USEPA. 2011. ProUCL Version 4.1. Statistical Software Package.

United States Fish & Wildlife Service (USFWS). 2010. Endangered species information – New York State. http://www.fws.gov/northeast/nyfo/es/section7.htm.

Tables

Table 1
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Characteristics of Wetlands within 2 Mile Site Radius

Wetland Identification Code	Number of Polygons	Total Area	Description
State Wetlands[1]			
SYE-2	1	1.09	Class II
SYE-6	6	165.80	Class II
SYE-19	1	5.60	Class II
SYE-29	1	55.00	Class II
SYW-5	2	4.08	Class II
SYW-8	1	34.70	Class II
NWI Habitats[2]			
PEM5C	1	0.88	Palustrine; Emergent; *Phragmites australis* ; Seasonally flooded
PEM5Eh	1	2.04	Palustrine; Emergent; *Phragmites australis* ; Seasonally flooded/saturated; Diked/impounded
PEM5/UBF	1	1.54	Palustrine; Emergent; *Phragmites australis*/ Unconsolidated bottom; Semipermanently flooded
PFO1A	3	16.60	Palustrine; Forested; Broad-leaved deciduous; Temporarily flooded
PFO1/SS1A	1	4.40	Palustrine; Forested; Broad-leaved deciduous / Scrub-shrub; Broad-leaved deciduous; Temporarily flooded
PFO1/SS1E	3	11.74	Palustrine; Forested; Broad-leaved deciduous / Scrub-shrub; Broad-leaved deciduous; Seasonally flooded/saturated
PFO1E	6	27.24	Palustrine; Forested; Broad-leaved deciduous; Seasonally flooded/saturated
PFO5/1E	1	3.02	Palustrine; Forested; Dead/ Broad-leaved deciduous; Seasonally flooded/saturated
PSS1C	4	3.08	Palustrine; Scrub-shrub; Broad-leaved deciduous ; Seasonally flooded
PSS1E	2	3.30	Palustrine; Scrub-shrub; Broad-leaved deciduous; Seasonally flooded/saturated
PSS1/EM5E	4	17.04	Palustrine; Scrub-shrub; Broad-leaved deciduous / Emergent; *Phragmites australis* ; Seasonally flooded/saturated
PUBF	2	0.28	Palustrine; Unconsolidated bottom; Semipermanently flooded
PUBFx	1	0.13	Palustrine; Unconsolidated bottom; Semipermanently flooded; Excavated
PUBHh	2	2.70	Palustrine; Unconsolidated bottom; Permanently flooded; Diked/impounded
PUBHx	2	0.96	Palustrine; Unconsolidated bottom; Permanently flooded; Excavated

Notes:

1 = NYSDEC Environmental Resource Mapper - http://www.dec.ny.gov/imsmaps/ERM

2 = NWI internet webpage - http://www.fws.gov/wetlands/

Table 2
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Observed Wildlife Species[1]

Common Name	Scientific Name	Location
Birds		
ring-billed gull	*Larus delawarensis*	Retention Basin
mallard	*Anas platyrhynchos*	Retention Basin
chimney swift	*Chaetura pelagica*	Retention Basin
Canada goose	*Branta canadensis*	Retention Basin
hooded merganser	*Lophodytes cucullatus*	Retention Basin
barn swallow	*Hirundo rustica*	Retention Basin
tree swallow	*Tachycineta bicolor*	Retention Basin
northern rough-winged swallow	*Stelgidopteryx serripennis*	Retention Basin
savannah sparrow	*Passerculus sandwichensis*	Urban Vacant Lot
killdeer	*Charadrius vociferus*	Urban Vacant Lot
Cowbird	*Molothrus ater*	Urban Vacant Lot
mourning dove	*Zenaida macroura*	Urban Vacant Lot
red-winged blackbird	*Agelaius phoeniceus*	Urban Vacant Lot
song sparrow	*Melospiza melodia*	Urban Vacant Lot
rock dove	*Columba livia*	Urban Vacant Lot
American crow	*Corvus brachyrhynchos*	Urban Vacant Lot
American robin	*Turdus migratorius*	Urban Vacant Lot
European starling	*Sturnus vulgaris*	Urban Vacant Lot
northern mocking bird	*Mimus polyglottus*	Urban Vacant Lot
American goldfinch	*Carduelis tristis*	Successional Northern Hardwoods
Fish		
pumpkinseed	*Lepomis gibbosus*	Ley Creek
eastern mudminnow	*Umbra pygmaea*	Ley Creek
brook stickleback	*Culaea inconstans*	Ley Creek
banded killifish	*Fundulus diaphanus*	Ley Creek
longnose dace	*Rhinichthys cataractae*	Ley Creek
white sucker	*Catostomus commersoni*	Ley Creek
golden shiner	*Notemigonus crysoleucas*	Ley Creek
common carp	*Cyprinus carpio*	Ley Creek
crayfish	*Cambarus* spp.	Ley Creek

1 = Birds based on site visit in May 2010 and fish based on Ley Creek investigation efforts in the summer of 2008.

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	Scientific Name
Reptiles/Amphibians[2]	
common snapping turtle	*Chelydra serpentina*
common musk turtle	*Sternotherus odoratus*
wood turtle	*Clemmys insculpta*
eastern box turtle	*Terrapene carolina bauri*
eastern redbelly turtle	*Pseudemys rubriventris*
painted turtle	*Chrysemys picta*
five lined skink	*Eumeces fasciatus*
coal skink	*Eumeces anthracinus*
northern water snake	*Natrix sipedon sipedon*
northern brown snake	*Storeria dekayi dekayi*
northern redbelly snake	*Storeria occipitomaculata*
eastern garter snake	*Thamnophis sirtalis sirtalis*
northern ringneck snake	*Diadophis punctatus edwardsi*
eastern worm snake	*Carphophis amoenus amoenus*
northern brown snake	*Storeria dekayi dekayi*
northern black racer	*Coluber constrictor constrictor*
northern redbelly snake	*Storeria occipitomaculata occipitomaculata*
eastern smooth green snake	*Opheodrys vernalis*
rat snake	*Elaphe obsoleta*
black rat snake	*Elaphe obsoleta obsoleta*
eastern milk snake	*Lampropeltis triangulum triangulum*
red-spotted newt	*Notophthalmus v. viridescens*
spotted salamander	*Ambystoma maculatum*
Jefferson salamander	*Ambystoma jeffersonianum*
redback salamander	*Plethodon cinereus*
Allegheny dusky salamander	*Desmognathus ochrophaeus*
northern dusky salamander	*Desmognathus fuscus*
northern slimy salamander	*Plethodon glutinosus*

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	**Scientific Name**
northern two-lined salamander	*Eurycea bislineata*
common mudpuppy	*Necturus maculosus*
American toad	*Bufo americanus*
bullfrog	*Rana catesbeiana*
gray tree frog	*Hyla versicolor* and *H. chrysoscelis*
green frog	*Rana clamitans melanota*
northern leopard frog	*Rana pipiens*
northern spring peeper	*Pseudacris c. crucifer*
pickerel frog	*Rana palustris*
wood frog	*Rana sylvatica*
Birds	
great blue heron	*Ardea herodias*
green heron	*Butorides striatus*
little blue heron	*Egretta caerulea*
great egret	*Casmerodius albus*
snowy egret	*Egretta thula*
tricolored heron	*Egretta tricolor*
black crowned night heron	*Nycticorax nycticorax*
yellow crowned night heron	*Nyctanassa violacea*
mallard	*Anas platyrhynchos*
American black duck	*Anas rubripes*
wood duck	*Aix sponsa*
common merganser	*Mergus merganser*
hooded merganser	*Lophodytes cucullatus*
northern goshawk	*Accipiter gentilis*
Cooper's hawk	*Accipiter cooperii*
red tailed hawk	*Buteo jamaicensis*
red shouldered hawk	*Buteo lineatus*
broad winged hawk	*Buteo platypterus*

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	Scientific Name
bald eagle	*Haliaeetus leucocephalus*
osprey	*Pandion haliaetus*
peregrine falcon	*Falco peregrinus*
American kestrel	*Falco sparverius*
ruffed grouse	*Bonasa umbellus*
common bobwhite	*Colinus virginianus*
American woodcock	*Scolopax minor*
mourning dove	*Zenaida macroura*
yellow billed cuckoo	*Coccyzus americanus*
black billed cuckoo	*Coccyzus erythropthalmus*
barn owl	*Tyto alba*
common screech owl	*Otus asio*
great horned owl	*Bubo virginianus*
long eared owl	*Asio otus*
saw-whet owl	*Aegolius acadicus*
whip-poor-will	*Caprimulgus vociferus*
common nighthawk	*Chordeiles minor*
common flicker	*Colaptes auratus*
pileated woodpecker	*Dryocopus pileatus*
red bellied woodpecker	*Melanerpes carolinus*
red headed woodpecker	*Melanerpes erythrocephalus*
yellow bellied sapsucker	*Sphyrapicus varius*
hairy woodpecker	*Picoides villosus*
downy woodpecker	*Picoides pubescens*
eastern kingbird	*Tyrannus tyrannus*
great crested flycatcher	*Myiarchus crinitus*
eastern phoebe	*Sayornis phoebe*
acadian flycatcher	*Empidonax virescens*
willow flycatcher	*Empidonax traillii*

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	**Scientific Name**
alder flycatcher	*Empidonax alnorum*
least flycatcher	*Empidonax minimus*
eastern pewee	*Contopus virens*
tree swallow	*Tachycineta bicolor*
blue jay	*Cyanocitta cristata*
American crow	*Corvus brachyrhynchos*
black capped chickadee	*Parus atricapillus*
white breasted nuthatch	*Sitta carolinensis*
brown creeper	*Certhia americana*
house wren	*Troglodytes aedon*
winter wren	*Troglodytes troglodytes*
Carolina wren	*Thryothorus ludovicianus*
northern mockingbird	*Mimus polyglottus*
gray catbird	*Dumetella carolinensis*
brown thrasher	*Toxostoma rufum*
American robin	*Turdus mirgratorius*
wood thrush	*Hylocichla mustelina*
hermit thrush	*Catharus guttatus*
Swainson's thrush	*Catharus ustulatus*
veery	*Catharus fuscescens*
eastern bluebird	*Sialia sialis*
cedar waxwing	*Bombycilla cedrorum*
loggerhead shrike	*Lanius ludovicianus*
white eyed vireo	*Vireo griseus*
yellow throated vireo	*Vireo flavifrons*
red-eyed vireo	*Vireo olivaceus*
Philadelphia vireo	*Vireo philadelphicus*
warbling vireo	*Vireo gilvus*
black and white warbler	*Mniotilta varia*

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	Scientific Name
worm eating warbler	*Helmitheros vermivorus*
golden winged warbler	*Vermivora chrysoptera*
blue winged warbler	*Vermivora pinus*
Tennessee warbler	*Vermivora peregrina*
Nashville warbler	*Vermivora ruficapilla*
yellow warbler	*Dendroica petechia*
Magnolia warbler	*Dendroica magnolia*
bay breasted warbler	*Dendroica castanea*
chestnut sided warbler	*Dendroica pensylvanica*
prairie warbler	*Dendroica discolor*
ovenbird	*Seiurus aurocapillus*
mourning warbler	*Oporornis philadelphia*
common yellowthroat	*Geothlypis trichas*
yellow breasted chat	*Icteria virens*
Canada warbler	*Wilsonia canadensis*
American redstart	*Setophaga ruticilla*
common grackle	*Quiscalus quiscula*
brown headed cowbird	*Molothrus ater*
scarlet tanager	*Piranga olivacea*
northern cardinal	*Cardinalis cardinalis*
rose breasted grosbeak	*Pheucticus ludovicianus*
indigo bunting	*Passerina cyanea*
American goldfinch	*Carduelis tristis*
rufous sided towhee	*Pipilo erythrophthalmus*
northern junco	*Junco* spp.
chipping sparrow	*Spizella passerina*
field sparrow	*Spizella pusilla*
white throated sparrow	*Zonotrichia albicollis*
swamp sparrow	*Melospiza georgiana*

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	Scientific Name
song sparrow	*Melospiza melodia*
Mammals	
masked shrew	*Sorex cinerus*
smoky shrew	*Sorex fumeus*
northern water shrew	*Sorex palustris*
least shrew	*Cryptotis parva*
shorttail shrew	*Blarina brevicauda*
hairytail mole	*Parascalops breweri*
little brown myotis	*Myotis lucifugus*
keen myotis	*Myotis keeni*
small footed myotis	*Myotis subulatus*
silver haired bat	*Lasionycteris noctivagans*
eastern pipistrelle	*Pipistrellus subflavus*
big brown bat	*Eptesicus fuscus*
red bat	*Lasiurus borealis*
hoary bat	*Lasiurus cinereus*
raccoon	*Procyon lotor*
shorttail weasel	*Mustela erminea*
longtail weasel	*Mustela frenata*
mink	*Mustela vison*
striped skunk	*Mephitis mephitis*
coyote	*Canis latrans*
red fox	*Vulpes fulva*
gray fox	*Urocyon cinereoargenteus*
woodchuck	*Marmota monax*
eastern chipmunk	*Tamias striatus*
red squirrel	*Tamiasciurus hudsonicus*
southern flying squirrel	*Glaucomys volans*
northern flying squirrel	*Glaucomys sabrinus*

Table 3
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Wildlife Associated with Study Area Natural Covertypes[1]

Common Name	**Scientific Name**
beaver	*Castor canadensis*
deer mouse	*Peromyscus maniculatus*
white footed mouse	*Peromyscus leucopus*
boreal red backed vole	*Clethrionomys gapperi*
meadow vole	*Microtus pennsylvanicus*
pine vole	*Pitymys pinetorum*
meadow jumping mouse	*Zapus hudsonius*
woodland jumping mouse	*Napaeozapus insignis*
porcupine	*Erethizon dorsatum*
snowshoe hare	*Lepus americanus*
eastern cottontail	*Sylvilagus floridanus*
New England cottontail	*Sylvilagus transitionalis*
white-tailed deer	*Odocoileus virginianus*

1 = Source: Chambers (1983) from tables for Marshes, Northern Swamps and Floodplains.
2 = Source: New York State Herp Atlas Project (http://www.dec.ny.gov/animals/7140.html).

Table 4
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
NYS Breeding Bird Atlas Information[1] for Survey Block 4077C

Common Name	Scientific Name	NY Legal Status
American Crow	*Corvus brachyrhynchos*	Game Species
American Goldfinch	*Carduelis tristis*	Protected
American Kestrel	*Falco sparverius*	Protected
American Redstart	*Setophaga ruticilla*	Protected
American Robin	*Turdus migratorius*	Protected
American Woodcock	*Scolopax minor*	Game Species
Baltimore Oriole	*Icterus galbula*	Protected
Barn Swallow	*Hirundo rustica*	Protected
Belted Kingfisher	*Ceryle alcyon*	Protected
Black-capped Chickadee	*Poecile atricapillus*	Protected
Blue Jay	*Cyanocitta cristata*	Protected
Bobolink	*Dolichonyx oryzivorus*	Protected
Brown-headed Cowbird	*Molothrus ater*	Protected
Brown Thrasher	*Toxostoma rufum*	Protected
Canada Goose	*Branta canadensis*	Game Species
Cedar Waxwing	*Bombycilla cedrorum*	Protected
Chimney Swift	*Chaetura pelagica*	Protected
Chipping Sparrow	*Spizella passerina*	Protected
Common Grackle	*Quiscalus quiscula*	Protected
Common Yellowthroat	*Geothlypis trichas*	Protected
Cooper's Hawk	*Accipiter cooperii*	Protected/Special Concern
Downy Woodpecker	*Picoides pubescens*	Protected
Eastern Kingbird	*Tyrannus tyrannus*	Protected
Eastern Meadowlark	*Sturnella magna*	Protected
Eastern Phoebe	*Sayornis phoebe*	Protected
Eastern Wood-Pewee	*Contopus virens*	Protected
European Starling	*Sturnus vulgaris*	Unprotected
Grasshopper Sparrow	*Ammodramus savannarum*	Protected/Special Concern
Gray Catbird	*Dumetella carolinensis*	Protected
Great Blue Heron	*Ardea herodias*	Protected
Great Horned Owl	*Bubo virginianus*	Protected
Green Heron	*Butorides virescens*	Protected
Hairy Woodpecker	*Picoides villosus*	Protected
Horned Lark	*Eremophila alpestris*	Protected/Special Concern
House Finch	*Carpodacus mexicanus*	Protected
House Sparrow	*Passer domesticus*	Unprotected
House Wren	*Troglodytes aedon*	Protected
Killdeer	*Charadrius vociferus*	Protected
Least Flycatcher	*Empidonax minimus*	Protected
Mallard	*Anas platyrhynchos*	Game Species
Mourning Dove	*Zenaida macroura*	Protected
Northern Cardinal	*Cardinalis cardinalis*	Protected
Northern Flicker	*Colaptes auratus*	Protected
Northern Harrier	*Circus cyaneus*	Threatened
Northern Mockingbird	*Mimus polyglottos*	Protected
Northern Rough-winged Swallow	*Stelgidopteryx serripennis*	Protected
Osprey	*Pandion haliaetus*	Protected/Special Concern
Red-bellied Woodpecker	*Melanerpes carolinus*	Protected

Table 4
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
NYS Breeding Bird Atlas Information[1] for Survey Block 4077C

Common Name	Scientific Name	NY Legal Status
Red-eyed Vireo	*Vireo olivaceus*	Protected
Red-tailed Hawk	*Buteo jamaicensis*	Protected
Red-winged Blackbird	*Agelaius phoeniceus*	Protected
Rock Pigeon	*Columba livia*	Unprotected
Rose-breasted Grosbeak	*Pheucticus ludovicianus*	Protected
Ruby-throated Hummingbird	*Archilochus colubris*	Protected
Savannah Sparrow	*Passerculus sandwichensis*	Protected
Song Sparrow	*Melospiza melodia*	Protected
Spotted Sandpiper	*Actitis macularia*	Protected
Swamp Sparrow	*Melospiza georgiana*	Protected
Tree Swallow	*Tachycineta bicolor*	Protected
Tufted Titmouse	*Baeolophus bicolor*	Protected
Turkey Vulture	*Cathartes aura*	Protected
Upland Sandpiper	*Bartramia longicauda*	Threatened
Warbling Vireo	*Vireo gilvus*	Protected
White-breasted Nuthatch	*Sitta carolinensis*	Protected
Wild Turkey	*Meleagris gallopavo*	Game Species
Willow Flycatcher	*Empidonax traillii*	Protected
Wood Duck	*Aix sponsa*	Game Species
Wood Thrush	*Hylocichla mustelina*	Protected
Yellow Warbler	*Dendroica petechia*	Protected

1 = Source: 2000 New York State Department of Environmental Conservation Breeding Bird Atlas (2000-2005) - Block 4077C.
http://www.dec.ny.gov/cfmx/extapps/bba/

Table 5
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Potentially Applicable Fish and Wildlife Regulatory Criteria

New York State Laws and Regulations	
Environmental Media	**Potentially Applicable Regulations, Criteria, and/or Standards**
Soil	• *Remedial Program Soil Cleanup Objectives.* 6 NYCRR Subpart 375-6 (NYSDEC 2006)
Surface Water	• 6 NYCRR Part 608 (Use and Protection of Waters) • 6 NYCRR Part 700-706 (Water Quality Standards) • 6 NYCRR Part 750-758 (Water Resource Law) • ECL Article 15 (Water Resources) • ECL Article 17 (Water Pollution Control)
Wetlands	• NY Freshwater Wetlands Act (NYS 1985; NYS 1980; 6 NYCRR Parts 663, 664) • ECL Article 24 (Freshwater wetlands)
Fish and Wildlife	• 6 NYCRR Part 182 (Endangered and Threatened Species) • ECL Article 11 (Endangered and Threatened Species)
Miscellaneous	• 6 NYCRR Part 375 (Inactive Hazardous Waste Disposal Sites) • ECL Article 27 (Inactive Hazardous Waste Disposal Sites)

Federal Laws and Regulations	
Environmental Media	**Potentially Applicable Regulations, Criteria, and/or Standards**
Surface Water	• National Recommended Water Quality Criteria-Fresh Water (USEPA 2009)
Wetlands	• USEPA Clean Water Act - Section 404
Fish and Wildlife	• Endangered Species Act - 16 USC 1531 *et seq*; 50 CFR Parts 17, Subpart I and 50 CFR Part 402

Table 5
RACER Trust
Former Syracuse Inland Fisher Guide Facility
Fish and Wildlife Impact Analysis
Potentially Applicable Fish and Wildlife Regulatory Criteria

State and Federal Guidance	
Environmental Media	**Potentially Applicable Regulations, Criteria, and/or Standards**
Soil	• Region 3 BTAG Screening Values (USEPA 2006) • Ecological Soil Screening Level (Eco-SSLs) Guidance and Documents (USEPA 2003)
Surface Water	• *Ambient Water Quality Standards and Guidance Values and Ground Water Effluent Limitations, TOGS 1.1.1* (NYSDEC 1998) • *Ecotox Thresholds* (USEPA 1996)
Sediments	• *Technical Guidance for Screening Contaminated Sediments* (NYSDEC 1999) • Ecotox Thresholds (USEPA 1996) • *Screening Quick Reference Tables (SQuiRTs)*. National Oceanic & Atmospheric Administration (NOAA 2008)
Wetlands	• *Freshwater Wetlands Delineation Manual*. New York State Department of Environmental Conservation, Albany, NY (NYSDEC 1995) • *U.S. Army Corps of Engineers Wetlands Delineation Manual* (USACE 1987)
Miscellaneous	• *Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites*. New York State Department of Environmental Conservation, Division of Fish and Wildlife, Albany, NY (NYSDEC 1994) • *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*. *Interim Final*. United States Environmental Protection Agency Environmental Response Team. EPA 540-R-97-006. Edison, New Jersey (USEPA 1997)

Other Applicable Guidance	
Environmental Media	**Potentially Applicable Regulations, Criteria, and/or Standards**
Soil	• *Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision*. (Efroymson *et al*. 1997) • *Toxicological benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision*. (Efroymson *et al*. 1997)

Table 6a
RACER Trust - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Data Summary and Screening of Constituents in Surface Soil of Northeastern Property Area

CAS Number	Constituent	Average Detected Concentration	Maximum Detected Concentration	Unit	Location of Max Concentration	Detection Frequency	Selected Screening Concentration[a] (mg/kg)	Screening Criteria								Selected Criteria[f] (mg/kg)	COPC	Rationale
								NYSDEC PART 375 Table 6.8(b) Restricted Use Soil Cleanup Objectives[d] (mg/kg)	USEPA Ecological Soil Screening Levels - Plants[e] (mg/kg)	USEPA Ecological Soil Screening Levels - Invertebrates[e] (mg/kg)	USEPA Ecological Soil Screening Levels - Aves[e] (mg/kg)	USEPA Ecological Soil Screening Levels - Mammals[e] (mg/kg)	Microorganisms and Microbial Processes[b] (mg/kg)	Earthworms[b] (mg/kg)	Terrestrial Plants[c] (mg/kg)			
	METALS																	
7440-38-2	Arsenic	4.49	8.20	mg/kg	OBG-TB-02-14	21/21	8.2E+00	1.3E+01	1.8E+01	NV	4.3E+01	4.6E+01	1.0E+02	6.0E+01	1.0E+01	1.0E+01	No	BSL
7440-47-3	Chromium	17.21	29.50	mg/kg	OBG-TB-02-10	22/22	3.0E+01	4.1E+01	NV	NV	2.6E+01	3.4E+01	1.0E+01	4.0E-01	1.0E+00	4.0E-01	Yes	ASL
7440-50-8	Copper	19.80	29.50	mg/kg	OBG-TB-02-11	22/22	3.0E+01	5.0E+01	7.0E+01	8.0E+01	2.8E+01	4.9E+01	1.0E+02	5.0E+01	1.0E+02	2.8E+01	Yes	ASL
7439-92-1	Lead	10.10	23.30	mg/kg	OBG-TB-02-14	22/22	2.3E+01	6.3E+01	1.2E+02	1.7E+03	1.1E+01	5.6E+01	9.0E+02	5.0E+02	5.0E+01	1.1E+01	Yes	ASL
7440-02-0	Nickel	19.50	46.80	mg/kg	OBG-TB-02-11	21/21	4.7E+01	3.0E+01	3.8E+01	2.8E+02	2.1E+02	1.3E+02	9.0E+01	2.0E+02	3.0E+01	3.0E+01	Yes	ASL
7440-66-6	Zinc	53.62	105.00	mg/kg	OBG-TB-02-9	22/22	1.1E+02	1.1E+02	1.6E+02	1.2E+02	4.6E+01	7.9E+01	1.0E+02	2.0E+02	5.0E+01	4.6E+01	Yes	ASL
	PCBS																	
12672-29-6	Aroclor-1248	0.61	0.88	mg/kg	OBG-TB-02-10	8/22	8.8E-01	1.0E+00	-	-	-	-	-	-	4.0E+01	4.0E+01	No	BSL
	SVOCs																	
91-57-6	2-Methylnaphthalene	0.09	0.09	mg/kg	OBG-TB-02-9	1/21	8.8E-02	-	NV	2.9E+01	NV	1.0E+02	-	-	-	2.9E+01	No	BSL/LDF
208-96-8	Acenaphthylene	0.14	0.57	mg/kg	OBG-TB-02-10	3/21	5.7E-01	-	NV	2.9E+01	NV	1.0E+02	-	-	-	2.9E+01	No	BSL
120-12-7	Anthracene	0.11	0.15	mg/kg	OBG-TB-02-10	2/21	1.5E-01	-	NV	2.9E+01	NV	1.0E+02	-	-	-	2.9E+01	No	BSL
71-43-2	Benzene	0.001	0.001	mg/kg	OBG-TB-02-10	5/15	1.0E-03	7.0E+01	-	-	-	-	-	-	-	NV	No	BSL
56-55-3	Benzo(a)anthracene	0.17	0.58	mg/kg	OBG-TB-02-10	10/21	5.8E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
50-32-8	Benzo(a)pyrene	0.20	0.62	mg/kg	OBG-TB-02-10	9/21	6.2E-01	2.6E+00	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
205-99-2	Benzo(b)fluoranthene	0.21	0.79	mg/kg	OBG-TB-02-10	13/21	7.9E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
191-24-2	Benzo(g,h,i)perylene	0.12	0.21	mg/kg	OBG-TB-02-10	6/21	2.1E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
207-08-9	Benzo(k)fluoranthene	0.11	0.32	mg/kg	OBG-TB-02-10	8/21	3.2E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
117-81-7	bis(2-Ethylhexyl)phthalate	1.23	2.40	mg/kg	OBG-TB-02-10	2/21	2.4E+00	-	-	-	-	-	-	-	-	NV	Yes	NSC
85-68-7	Butyl benzylphthalate	8.30	8.30	mg/kg	OBG-TB-02-10	1/21	8.3E+00	-	-	-	-	-	-	-	-	NV	No	NSC/LDF
218-01-9	Chrysene	0.17	0.53	mg/kg	OBG-TB-02-10	10/21	5.3E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
156-59-2	cis-1,2-Dichloroethene	0.001	0.001	mg/kg	OBG-TB-02-9	2/15	1.0E-03	-	-	-	-	-	-	-	-	NV	Yes	NSC
53-70-3	Dibenz(a,h)anthracene	0.06	0.08	mg/kg	OBG-TB-02-10	3/21	7.5E-02	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
117-84-0	Di-n-octyl phthalate	0.05	0.05	mg/kg	OBG-TB-02-9	1/21	4.6E-02	-	-	-	-	-	-	-	-	NV	No	NSC/LDF
206-44-0	Fluoranthene	0.23	0.99	mg/kg	OBG-TB-02-10	14/21	9.9E-01	-	NV	2.9E+01	NV	1.0E+02	-	-	-	2.9E+01	No	BSL
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	0.25	mg/kg	TS-02	6/21	2.5E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
91-20-3	Naphthalene	0.07	0.07	mg/kg	OBG-TB-02-9	1/21	7.0E-02	-	NV	2.9E+01	NV	1.0E+02	-	-	-	2.9E+01	No	BSL/LDF
85-01-8	Phenanthrene	0.12	0.30	mg/kg	TS-02	10/21	3.0E-01	-	NV	2.9E+01	NV	1.0E+02	-	-	-	2.9E+01	No	BSL
108-95-2	Phenol	0.56	0.56	mg/kg	OBG-TB-02-10	1/21	5.6E-01	3.0E+01	-	-	-	-	1.0E+02	3.0E+01	7.0E+01	3.0E+01	No	BSL/LDF
129-00-0	Pyrene	0.16	0.82	mg/kg	OBG-TB-02-10	13/21	8.2E-01	-	NV	1.8E+01	NV	1.1E+00	-	-	-	1.1E+00	No	BSL
	VOCs																	
78-93-3	2-Butanone	0.02	0.02	mg/kg	OBG-TB-02-9	11/16	1.7E-02	1.0E+02	-	-	-	-	-	-	-	NV	No	BSL
67-64-1	Acetone	0.01	0.01	mg/kg	TS-01	2/16	1.2E-02	2.2E+00	-	-	-	-	-	-	-	NV	No	BSL
75-15-0	Carbon disulfide	0.004	0.005	mg/kg	OBG-TB-02-10	3/16	5.0E-03	-	-	-	-	-	-	-	-	NV	Yes	NSC
75-09-2	Methylene chloride	0.001	0.002	mg/kg	OBG-TB-02-10	12/16	2.0E-03	1.2E+01	-	-	-	-	-	-	-	NV	No	BSL
127-18-4	Tetrachloroethene	0.01	0.01	mg/kg	TS-01	2/15	7.0E-03	2.0E+00	-	-	-	-	-	-	-	NV	No	BSL
108-88-3	Toluene	0.002	0.003	mg/kg	OBG-TB-02-9	5/15	3.0E-03	2.0E+00	-	-	-	-	-	-	2.0E+02	2.0E+02	No	BSL
79-01-6	Trichloroethene	0.002	0.008	mg/kg	OBG-TB-02-9	6/16	8.0E-03	2.0E+00	-	-	-	-	-	-	-	NV	No	BSL
1330-20-7	Xylene (total)	0.001	0.001	mg/kg	OBG-TB-02-9	1/15	1.0E-03	2.6E-01	-	-	-	-	-	-	-	NV	No	BSL

Notes:
Surface soil = includes all soil sample depth intervals.
a: Maximum detected concentration.
b: Screening values are from Efroymson *et al*. 1997b.
c: Screening values are from Efroymson *et al*. 1997a.
d: Screening values are from NYSDEC 2006 (6 NYCRR Subpart 375-6) Remedial Program Soil Cleanup Objectives.
e: Screening values are from USEPA 2003. Values of 29 mg/kg and 18 mg/kg for soil invertebrates are for low molecular weight and high molecular weight polycyclic aromatic hydrocarbons, respectively. Values of 100 mg/kg and 1.1 mg/kg for mammals are for low molecular weight and high molecular weight polycyclic aromatic hydrocarbons, respectively.
f: Minimum of screening criteria.
COPC = Constituent of Potential Concern, selected or excluded from further evaluation
ASL= Above Screening Level
BSL= Below Screening Level
LDF = Low Detection Frequency (< 5%)
NSC= No Screening Criteria
NV = Constituent listed in criteria document, but no value presented.
"-": Constituent not listed in criteria document.

Table 6b
RACER Trust - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Surface Soil COPC Exposure Point Concentrations

CAS Number	Constituents of Concern	Units	Average Concentration[a]	Maximum Detected Concentration	Potential UCL to Use	Exposure Point Concentration			
						Value	Units	Statistic	Rationale[b]
	METALS								
7440-47-3	Chromium	mg/kg	1.72E+01	2.95E+01	1.94E+01	1.94E+01	mg/kg	UCL	95% Student's t-UCL
7440-50-8	Copper	mg/kg	1.98E+01	2.95E+01	2.16E+01	2.16E+01	mg/kg	UCL	95% Student's t-UCL
7439-92-1	Lead	mg/kg	1.01E+01	2.33E+01	1.18E+01	1.18E+01	mg/kg	UCL	95% Student's t-UCL
7440-02-0	Nickel	mg/kg	1.95E+01	4.68E+01	2.26E+01	2.26E+01	mg/kg	UCL	95% Approximate Gamma UCL
7440-66-6	Zinc	mg/kg	5.36E+01	1.05E+02	6.04E+01	6.04E+01	mg/kg	UCL	95% Student's t-UCL

Notes:
a = Average concentration derived using Kaplan-Meier, Regression-on-Order Statistics, or Maximum Likelihood estimation methods as presented in ProUCL output, where available.
b = UCL based on USEPA ProUCL (V. 4.1) recommendation, using Regression on Order Statistics (ROS) for evaluating data with non-detect (ND) samples.
Gamma UCL = Computation of UCL of the mean of a Gamma, G(k,θ) distribution (parametric).

Table 6c
RACER Trust - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Ratio of Surface Soil COPC Concentrations to Screening Criteria

Constituent	Average Detected Concentration	95% Upper Confidence Limit	Unit	Ratio for the Protection of Terrestrial Invertebrates												Ratio for the Protection of Plants						Ratio for the Protection of Wildlife					
				NYSDEC 6 NYCRR 375-6[1] (mg/kg)			USEPA Eco-SSLs - Invertebrates[2] (mg/kg)			Microorganisms and Microbial processes[3] (mg/kg)			Earthworms[3] (mg/kg)			USEPA Eco-SSLs - Plants[2] (mg/kg)			Terrestrial Plants[4] (mg/kg)			USEPA Eco-SSLs - Aves[2] (mg/kg)			USEPA Eco-SSLs - Mammals[2] (mg/kg)		
				Average/Screening Value	NYSDEC PART 375 Table 6.8(b) Restricted Use Soil Cleanup Objectives (mg/kg)	UCL/Screening Value	Average/Screening Value	USEPA Eco-SSLs - Invertebrates (mg/kg)	UCL/Screening Value	Average/Screening Value	Microorganisms and Microbial processes (mg/kg)	UCL/Screening Value	Average/Screening Value	Earthworms (mg/kg)	UCL/Screening Value	Average/Screening Value	USEPA Eco-SSLs - Plants (mg/kg)	UCL/Screening Value	Average/Screening Value	Terrestrial Plants (mg/kg)	UCL/Screening Value	Average/Screening Value	USEPA Eco-SSLs - Aves (mg/kg)	UCL/Screening Value	Average/Screening Value	USEPA Eco-SSLs - Mammals (mg/kg)	UCL/Screening Value
METALS																											
Chromium	1.72E+01	1.94E+01	mg/kg	4.20E-01	4.10E+01	4.72E-01	NV	NV	NV	**1.72E+00**	1.00E+01	**1.94E+00**	**4.30E+01**	4.00E-01	**4.84E+01**	NV	NV	NV	**1.72E+01**	1.00E+00	**1.94E+01**	6.62E-01	2.60E+01	7.45E-01	5.06E-01	3.40E+01	5.70E-01
Copper	1.98E+01	2.16E+01	mg/kg	3.96E-01	5.00E+01	4.32E-01	2.48E-01	8.00E+01	2.70E-01	1.98E-01	1.00E+02	2.16E-01	3.96E-01	5.00E+01	4.32E-01	2.83E-01	7.00E+01	3.09E-01	1.98E-01	1.00E+02	2.16E-01	7.07E-01	2.80E+01	7.71E-01	4.04E-01	4.90E+01	4.41E-01
Lead	1.01E+01	1.18E+01	mg/kg	1.60E-01	6.30E+01	1.88E-01	5.94E-03	1.70E+03	6.96E-03	1.12E-02	9.00E+02	1.31E-02	2.02E-02	5.00E+02	2.37E-02	8.42E-02	1.20E+02	9.86E-02	2.02E-01	5.00E+01	2.37E-01	9.18E-01	1.10E+01	**1.08E+00**	1.80E-01	5.60E+01	2.11E-01
Nickel	1.95E+01	2.26E+01	mg/kg	6.50E-01	3.00E+01	7.53E-01	6.96E-02	2.80E+02	8.07E-02	2.17E-01	9.00E+01	2.51E-01	9.75E-02	2.00E+02	1.13E-01	5.13E-01	3.80E+01	5.95E-01	6.50E-01	3.00E+01	7.53E-01	9.29E-02	2.10E+02	1.08E-01	1.50E-01	1.30E+02	1.74E-01
Zinc	5.36E+01	6.04E+01	mg/kg	4.92E-01	1.09E+02	5.54E-01	4.47E-01	1.20E+02	5.03E-01	5.36E-01	1.00E+02	6.04E-01	2.68E-01	2.00E+02	3.02E-01	3.35E-01	1.60E+02	3.77E-01	**1.07E+00**	5.00E+01	**1.21E+00**	**1.17E+00**	4.60E+01	**1.31E+00**	6.79E-01	7.90E+01	7.64E-01

Notes:
Bold value indicates that the ratio of concentration to criteria exceeds one.
NV: The ratio could not be calculated due to absence of screening value.
1 = Values are from NYSDEC 2006 (6 NYCRR Subpart 375-6.8(b)) Remedial Program Soil Cleanup Objectives for the Protection of Ecological Resources.
2 = Ecological Soil Screening Levels, USEPA 2010.
3 = Screening values are from Efroymson *et al*. 1997b.
4 = Screening values are from Efroymson *et al*. 1997a.

Table 6d
RACER Trust - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Ratio of Surface Soil COPC Concentrations to Site-Specific and Regional Background Values

Constituent	Average Detected Concentration	95% Upper Confidence Limit	Unit	Ratio for Regional Background Concentrations						Ratio for Site-Specific Background Concentrations					
				Maximum New York State Background Values[1] (mg/kg)			Rural Soil Background Concentrations[2] (mg/kg)			Southeast Property Area[3]					
										OBG-TB-1-03 (mg/kg)			OBG-TB-2-03 (mg/kg)		
				Average/Screening Value	Maximum NYS Background Values (mg/kg)	UCL/Screening Value	Average/Screening Value	Rural Soil Background Concentrations (mg/kg)	UCL/Screening Value	Average/Site-Specific Background Concentration	Site-Specific Soil Background Concentrations OBG-TB-1-03 (mg/kg)	UCL/Site-Specific Background Concentration	Average/Site-Specific Background Concentration	Site-Specific Soil Background Concentrations OBG-TB-2-03 (mg/kg)	UCL/Site-Specific Background Concentration
METALS															
Chromium	1.72E+01	1.94E+01	mg/kg	4.30E-01	4.00E+01	4.84E-01	9.01E-01	1.91E+01	**1.01E+00**	**2.02E+00**	8.50E+00	**2.28E+00**	8.87E-01	1.94E+01	9.98E-01
Copper	1.98E+01	2.16E+01	mg/kg	3.96E-01	5.00E+01	4.32E-01	6.00E-01	3.30E+01	6.55E-01	**1.14E+00**	1.73E+01	**1.25E+00**	7.00E-01	2.83E+01	7.63E-01
Lead	1.01E+01	1.18E+01	mg/kg	2.02E-03	5.00E+03	2.36E-03	1.60E-01	6.30E+01	1.88E-01	**1.55E+00**	6.50E+00	**1.82E+00**	2.24E-01	4.51E+01	2.62E-01
Nickel	1.95E+01	2.26E+01	mg/kg	7.80E-01	2.50E+01	9.04E-01	7.80E-01	2.50E+01	9.04E-01	**1.79E+00**	1.09E+01	**2.07E+00**	9.15E-01	2.13E+01	**1.06E+00**
Zinc	5.36E+01	6.04E+01	mg/kg	**1.07E+00**	5.00E+01	**1.21E+00**	4.92E-01	1.09E+02	5.54E-01	**2.26E+00**	2.37E+01	**2.55E+00**	5.06E-01	1.06E+02	5.70E-01

Notes:
Bold value indicates that the ratio of concentration to criteria exceeds one.
1 = Background values are from McGovern (1988).
2 = Concentrations are for Habitat Areas from NYSDEC/NYSDOH (2006).
3 = Site specific background results from Table 4-4 of Revised Remedial Investigation Report (O'Brien & Gere 2010a).

Table 7
RACER Trust
Fish and Wildlife Impact Analysis
Data Summary and Screening of Constituents in Surface Water at Retention Pond

CAS Number	Constituent	Average Detected Concentration	Maximum Detected Concentration	Unit	Location of Max Concentration	Detection Frequency	Selected Screening Concentration[a] (mg/L)	NYSDEC Ambient Water Quality Standards and Guidance Values[b] (fish propagation) (mg/L)	USEPA National Recommended Water Quality Criteria Freshwater-CCC[c] (mg/L)	USEPA Region 3 BTAG Freshwater Screening Benchmarks[d] (mg/L)	USEPA EcoTOX Screening Criteria - AWQC/Tier II[e] (mg/L)	Selected Criteria[f] (mg/L)	COPC	Rationale
	METALS													
7440-50-8	Copper[1]	0.0057	0.0057	mg/kg	WS-112806	1/2	5.7E-03	8.96E-03	9.3E-03	9.0E-03	1.1E-02	9.0E-03	No	BSL
7440-02-0	Nickel[2]	0.0025	0.0025	mg/kg	WS-112806	1/2	2.5E-03	5.2E-02	5.2E-02	5.2E-02	1.6E-01	5.2E-02	No	BSL
7440-66-6	Zinc[3]	0.0038	0.0038	mg/kg	WS-112806	1/2	3.8E-03	8.3E-02	1.2E-01	1.2E-01	1.1E-01	8.3E-02	No	BSL
	VOCs													
79-01-6	Trichloroethene	2.00	2.00	ug/L	WS-112806	1/2	2.0E-03	NV	NV	2.1E-02	NV	2.1E-02	No	BSL

Notes:
a: Maximum detected concentration.
b: Screening values are from NYSDEC Technical & Operational Guidance Series 1.1.1., New York State Ambient Water Quality Standards and Guidance Values, 1998b. The lowest of the standard and guidance values was utilized. A hardness value of 100 mg/L is assumed for metals.
c: Screening values are from USEPA 2009. A hardness value of 100 mg/L is assumed for metals.
d: Screening values from USEPA Region 3 Biological Technical Assistance Group Freshwater Screening Benchmarks (USEPA 2006). A hardness value of 100 mg/L is assumed for metals.
e: Screening values are from USEPA 1996. A hardness value of 100 mg/L is assumed for metals.
f: Minimum of screening criteria.
(1) NYSDEC AWQC/GV calculated using: (0.96) exp(0.8545[ln(hardness)]-1.702). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(0.8545 [ln(hardness)]-1.702).
(2) NYSDEC AWQC/GV calculated using: (0.997) exp (8.846[ln(hardness)]+0.0584). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(0.8460 [ln(hardness)]+0.0584).
(3) NYSDEC AWQC/GV calculated using: exp(0.85[ln(hardness)]+0.50). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(0.8473 [ln(hardness)]+0.884).
ASL= Above Screening Level
BSL= Below Screening Level
COPC= Constituent of Potential Concern
NV = Constituent listed in criteria document, but no value presented.
"-": Constituent not listed in criteria document.

Table 8a
RACER Trust - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Data Summary and Screening of Constituents in Surface Water at Outfall 005

CAS Number	Constituent	Average Detected Concentration	Maximum Detected Concentration	Unit	Location of Max Concentration	Detection Frequency	Selected Screening Concentration[a]	Screening Criteria				Selected Criteria[f]	COPC	Rationale
								NYSDEC Ambient Water Quality Standards and Guidance Values[b]	USEPA National Recommended Water Quality Criteria Freshwater-CCC[c]	USEPA Region 3 BTAG Freshwater Screening Benchmarks[d]	USEPA EcoTOX Screening Criteria - AWQC/Tier II[e]			
	METALS													
7429-90-5	Aluminum	0.30	0.96	mg/L	Outfall 005	4/4	9.6E-01	1.0E-01	8.7E-02	8.7E-02	NV	8.7E-02	Yes	ASL
7439-89-6	Iron	0.31	0.89	mg/L	Outfall 005	4/4	8.9E-01	3.0E-01	1.0E+00	3.0E-01	1.0E+00	3.0E-01	Yes	ASL
7440-66-6	Zinc[1]	0.04	0.06	mg/L	Outfall 005	4/4	5.9E-02	8.3E-02	1.2E-01	1.2E-01	1.1E-01	8.3E-02	No	BSL
	PCBS													
319-86-8	Aroclor 1248[2]	0.13	0.26	µg/L	Outfall 005	4/4	2.6E-04	1.2E-04	1.4E-02	7.4E-05	1.9E-01	7.4E-05	Yes	ASL
	VOCs													
67663	Chloroform	0.30	0.37	µg/L	Outfall 005	4/4	3.7E-04	NV	NV	1.8E+00	NV	1.8E+00	No	BSL
156592	cis-1,2-Dichloroethene[3]	0.9	1.50	µg/L	Outfall 005	4/4	1.5E-03	5.0E+00	NV	NV	NV	5.0E+00	No	BSL
79016	Trichloroethene	2.1	3.87	µg/L	Outfall 005	4/4	3.9E-03	NV	NV	2.1E+01	NV	2.1E+01	No	BSL

Notes:
a: Maximum detected concentration.
b: Screening values are from NYSDEC Technical & Operational Guidance Series 1.1.1., New York State Ambient Water Quality Standards and Guidance Values, 1998b. The lowest of the standard and guidance values was utilized. Metal values are for fish propagation, PCB value is for wildlife protection, and VOC values are for protection of human health from consumption of water and organism. A hardness value of 100 mg/L was utilized.
c: Screening values are from USEPA 2009. A hardness value of 100 mg/L was utilized.
d: Screening values from USEPA Region 3 Biological Technical Assistance Group Freshwater Screening Benchmarks (USEPA 2006). A hardness value of 100 mg/L was utilized.
e: Screening values are from USEPA 1996. A hardness value of 100 mg/L was utilized.
f: Minimum of screening criteria.
1 = NYSDEC AWQC/GV calculated using: exp(0.85[ln(hardness)]+0.50). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(0.8473 [ln(hardness)]+0.884).
2 = NYSDEC AWQ/GV for PCB value was utilized.
3 = NYSDEC AWQ/GV H(WS) for source of drinking water (surface water) utilized for cis-1,2-Dichloroethene.
ASL= Above Screening Level
BSL= Below Screening Level
COPC= Constituent of Potential Concern
NV = Constituent listed in criteria document, but no value presented.

Table 8b
RACER Trust - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Ratio of COPC Concentrations in Outfall 005 Surface Water to Screening Criteria

Constituent	Average Detected Concentration	Unit	Ratio for Protection of Fish/Water Column Organisms / Wildlife							
			Average/Screening Value	NYSDEC Ambient Water Quality Standards and Guidance Values[1]	Average/Screening Value	USEPA National Recommended Water Quality Criteria Freshwater-CCC[2]	Average/Screening Value	USEPA Region 3 BTAG Freshwater Screening Benchmarks[3]	Average/Screening Value	USEPA EcoTOX Screening Criteria - AWQC/Tier II[4]
METALS										
Aluminum	0.30	mg/L	**3.0E+00**	1.0E-01	**3.4E+00**	8.7E-02	**3.4E+00**	8.7E-02	NV	NV
Iron	0.31	mg/L	**1.0E+00**	3.0E-01	3.1E-01	1.0E+00	**1.0E+00**	3.0E-01	3.1E-01	1.0E+00
PCBS										
Aroclor 1248	0.13	µg/L	**1.0E+03**	1.2E-04	**8.9E+00**	1.4E-02	**1.7E+03**	7.4E-05	6.6E-01	1.9E-01

Notes:
Bold value indicates that the ratio of concentration to criteria exceeds one.
1 = Screening values are from NYSDEC Technical & Operational Guidance Series 1.1.1., New York State Ambient Water Quality Standards and Guidance Values, 1998b. The lowest of the standard and guidance values was utilized. Metal values are for fish propagation, PCB value (for Aroclor 1248) is for wildlife protection.
2 = Screening values are from USEPA 2009.
3 = Screening values from USEPA Region 3 Biological Technical Assistance Group Freshwater Screening Benchmarks (USEPA 2006).
4 = Screening values are from USEPA 1996.
NV = Constituent listed in criteria document, but no value presented.

Table 9
RACER Trust
Fish and Wildlife Impact Analysis
Ratio of Constituent Concentrations in Shallow Groundwater to Screening Criteria for the Protection of Fish and Wildlife

CAS Number	Constituent of Concern	Average Detected Concentration	Maximum Detected Concentration	Unit	Ratio for Protection of Fish[a]								Ratio for Protection of Wildlife[a]	
					NYSDEC Ambient Water Quality Standards and Guidance Values[1] (fish propagation) (mg/L)		USEPA National Recommended Water Quality Criteria Freshwater-CCC[2] (mg/L)		USEPA Region 3 BTAG Freshwater Screening Benchmarks[3] (mg/L)		USEPA EcoTOX Screening Criteria - AWQC/Tier II[4] (mg/L)		NYSDEC Ambient Water Quality Standards and Guidance Values[1] (wildlife protection) (mg/L)	
					Average/Screening Value	Max/Screening Value	Average/Screening Value	Max/Screening Value	Average/Screening Value	Max/Screening Value	Average/Screening Value	Max/Screening Value	Average/Screening Value	Max/Screening Value
	METALS[b]													
7440-38-2	Arsenic	7.90E-03	1.23E-02	mg/L	5.27E-02	8.20E-02	5.27E-02	8.20E-02	**1.58E+00**	**2.46E+00**	NV	NV	NV	NV
7440-39-3	Barium	5.58E-02	9.12E-02	mg/L	NV	NV	NV	NV	**1.40E+01**	**2.28E+01**	**1.43E+01**	**2.34E+01**	NV	NV
7440-70-2	Calcium	4.29E+02	6.81E+02	mg/L	NV	NV	NV	NV	**3.70E+00**	**5.87E+00**	NV	NV	NV	NV
7440-47-3	Chromium[c]	5.41E-03	1.34E-02	mg/L	2.65E-02	6.57E-02	**2.65E+01**	**6.57E+01**	**2.65E+01**	**6.57E+01**	**1.11E+01**	**2.74E+01**	NV	NV
7440-48-4	Cobalt	2.27E-03	2.60E-03	mg/L	4.53E-01	5.20E-01	NV	NV	9.86E-02	1.13E-01	7.56E-01	8.67E-01	NV	NV
7440-50-8	Copper[d]	4.84E-03	1.87E-02	mg/L	1.88E-01	7.27E-01	**1.88E+02**	**7.27E+02**	**1.88E+02**	**7.27E+02**	**1.48E+02**	**5.73E+02**	NV	NV
7439-89-6	Iron	6.58E+00	3.66E+01	mg/L	**2.19E+01**	**1.22E+02**	**6.58E+00**	**3.66E+01**	**2.19E+01**	**1.22E+02**	**6.58E+00**	**3.66E+01**	NV	NV
7439-92-1	Lead[e]	1.98E-02	1.98E-02	mg/L	**1.41E+00**	**1.41E+00**	**1.41E+03**	**1.41E+03**	**1.41E+03**	**1.41E+03**	**1.63E+03**	**1.63E+03**	NV	NV
7439-95-4	Magnesium	5.34E+01	7.74E+01	mg/L	NV	NV	NV	NV	6.51E-01	9.44E-01	NV	NV	NV	NV
7439-96-5	Manganese	1.02E+00	2.81E+00	mg/L	NV	NV	NV	NV	**8.51E+00**	**2.34E+01**	**1.28E+01**	**3.51E+01**	NV	NV
7440-02-0	Nickel[f]	1.47E-02	4.78E-02	mg/L	9.96E-02	3.23E-01	**9.96E+01**	**3.23E+02**	**9.96E+01**	**3.23E+02**	**3.30E+01**	**1.07E+02**	NV	NV
7440-09-7	Potassium	9.47E+00	1.63E+01	mg/L	NV	NV	NV	NV	1.79E-01	3.08E-01	NV	NV	NV	NV
7440-23-5	Sodium	8.30E+01	1.61E+02	mg/L	NV	NV	NV	NV	1.22E-01	2.37E-01	NV	NV	NV	NV
7440-62-2	Vanadium	1.80E-03	1.80E-03	mg/L	1.29E-01	1.29E-01	NV	NV	9.00E-02	9.00E-02	9.47E-02	9.47E-02	NV	NV
7440-66-6	Zinc[g]	3.80E-01	2.28E+00	mg/L	**1.61E+00**	**9.65E+00**	**1.61E+03**	**9.65E+03**	**1.61E+03**	**9.65E+03**	**5.85E+03**	**3.51E+04**	NV	NV
	PCBs													
	Total PCBs	6.67E-07	1.00E-03	mg/L	NV	NV	4.76E-02	**7.14E+01**	**9.01E+00**	**1.35E+04**	3.51E-03	**5.26E+00**	**5.56E+00**	**8.33E+03**
	VOCs													
78-93-3	2-Butanone	3.00E-03	3.00E-03	mg/L	NV	NV	NV	NV	2.14E-04	2.14E-04	NV	NV	NV	NV
67-64-1	Acetone	1.60E-02	1.60E-02	mg/L	NV	NV	NV	NV	1.07E-02	1.07E-02	NV	NV	NV	NV
75-01-4	Vinyl chloride	4.00E-03	4.00E-03	mg/L	NV	NV	NV	NV	4.30E-03	4.30E-03	NV	NV	NV	NV

Notes:
a = Ratios are average and maximum detected values divided by the applicable screening values (see below for list).
b = A hardness value of 344 mg/L was utilized in the calculation of hardness dependant screening values. The hardness value is the average of two samples collected from Ley Creek.
c = NYSDEC AWQC/GV calculated using:(0.86)* exp(0.819[ln(hardness)]+ 0.6848). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(0.819 [ln(hardness)]+0.6848) x (0.860).
USEPA EcoTOX Screening Criteria calculated using: exp(0.8190 [ln(hardness)]+1.561) x (0.860).
d = NYSDEC AWQC/GV calculated using: (0.96) exp(0.8545[ln(hardness)]-1.702). USEPA National Recommended Ambient Water Quality Criteria Freshwater and USEPA Region 3 BTAG Freshwater Screening Benchmarks calculated using: exp(0.8545 [ln(hardness)]-1.702) x (0.960).
USEPA EcoTOX Screening Criteria calculated using: exp(0.8545 [ln(hardness)]-1.465) x (0.960).
e = NYSDEC AWQC/GV calculated using: {1.46203-[ln(hardness)(0.145712)]} exp(1.273[ln(hardness)]-4.297). USEPA National Recommended Ambient Water Quality Criteria Freshwater and USEPA Region 3 BTAG Freshwater Screening Benchmarks calculated using: exp(1.273 [ln(hardness)]-4.705) x (1.46203-([ln(hardness) x (0.145712)]). USEPA EcoTOX Screening Criteria calculated using: exp(1.273 [ln(hardness)]-4.705) x (0.791)
f = NYSDEC AWQC/GV calculated using: (0.997) exp (0.846[ln(hardness)]+0.0584). USEPA National Recommended Ambient Water Quality Criteria Freshwater and USEPA Region 3 BTAG Freshwater Screening Benchmarks calculated using: exp(0.8460 [ln(hardness)]+0.0584) x (0.997).
USEPA EcoTOX Screening Criteria calculated using: exp(0.8460 [ln(hardness)]+1.1645) x (0.997).
g = NYSDEC AWQC/GV calculated using: exp(0.85[ln(hardness)]+0.50). UUSEPA National Recommended Ambient Water Quality Criteria Freshwater and USEPA Region 3 BTAG Freshwater Screening Benchmarks calculated using: exp(0.8473 [ln(hardness)]+0.884) x (0.986).
USEPA EcoTOX Screening Criteria calculated using: exp(0.8473 [ln(hardness)]+0.7614) x (0.986).
Bold value indicates that the ratio of concentration to criteria exceeds one.
NV: The ratio could not be calculated due to absence of screening criteria value or 95% UCL value for constituent.
1= Values are Ambient Water Quality Standards and Guidance Values from NYSDEC TOGS 1.1.1., New York State Ambient Water Quality Standards and Guidance Values, 1998b.
2= Values are National Recommended Water Quality Criteria (freshwater - CCC) from USEPA, 2009.
3= Values are Region 3 BTAG Freshwater Screening Benchmarks (USEPA 2006b).
4= Values are USEPA EcoTOX Screening Criteria - AWQC/Tier II from USEPA, 1996.

Figures

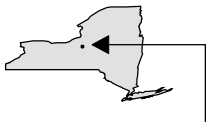
I:\Racer-Trust.15388\50292.For-Ifg-Fac-Rif\Docs\DWG\MXD\Former IFG Fac\SITE_LOC.mxd

PLOTDATE: never never StantoSA

FIGURE 1

ADAPTED FROM: SYRACUSE WEST, SYRACUSE EAST NEW YORK USGS QUADRANGLE

RACER TRUST
FORMER SYRACUSE INLAND
FISHER GUIDE FACILITY
FISH AND WILDLIFE IMPACT ANALYSIS
SYRACUSE, NEW YORK



MAP LOCATION

N

SITE LOCATION

0 1,000 2,000 4,000 6,000 8,000

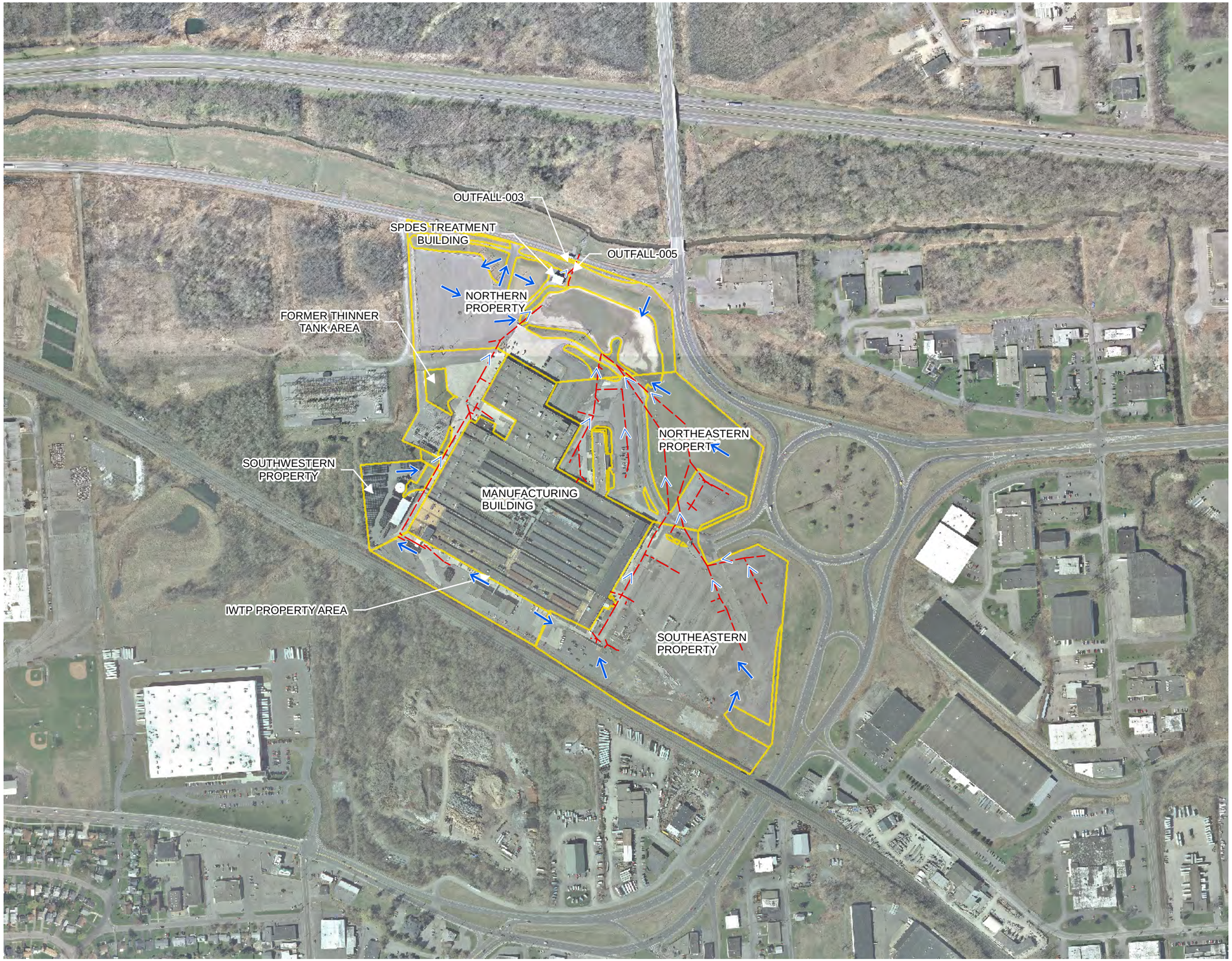
Feet

AUGUST 2013
15388.50292

1:24,000

O'BRIEN & GERE

I:\Racer-Trust.15388\50292.For-Ifg-Fac-Rift\Docs\DWGMXD\Former IFG Fac\Site_Plan.mxd



This document was developed in color. Reproduction in B/W may not represent the data as intended.

PLOTDATE: never never StantoSA

FIGURE 2

N

LEGEND

- PROPERTY BOUNDARY
- STORM SEWER AND FLOW DIRECTION
- OVERLAND FLOW DIRECTION

RACER TRUST
FORMER SYRACUSE INLAND
FISHER GUIDE FACILITY
FISH AND WILDLIFE
IMPACT ANALYSIS
SYRACUSE, NEW YORK

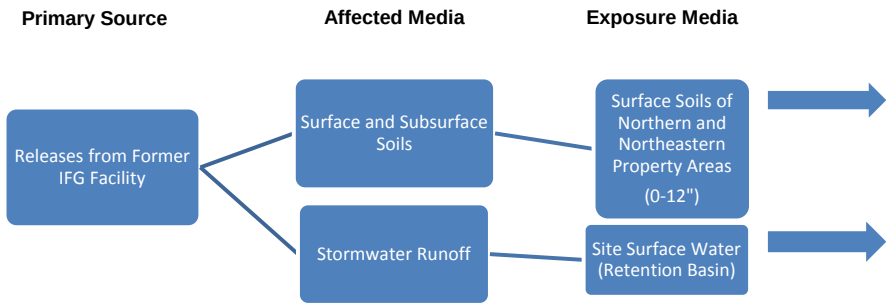
SITE PLAN AND STORM WATER FLOW DIRECTION

0 200 400 800
Feet

AUGUST 2013
15388.50292

O'BRIEN & GERE

Figure 3
RACER - Former Syracuse IFG Facility
Fish and Wildlife Impact Analysis
Conceptual Ecological Exposure Pathway Site Model



Receptors	Exposure Routes				
	Incidental Ingestion (soil)	Direct Contact	Food Ingestion	Water Ingestion/ Uptake	Inhalation[1]
Soil Invertebrates	+	+	+	-	-
Song birds	+	+	+	-	-
Waterfowl	+	+	+	-	-
Small mammals	+	+	+	-	-
Amphibians	-	+	+	+	-
Reptiles	-	+	+	+	-
Song Birds	-	+	+	+	-
Wading Birds	-	+	+	+	-
Waterfowl	-	+	+	+	-
Small mammals	-	+	+	+	-
Bats	-	+	+	+	-

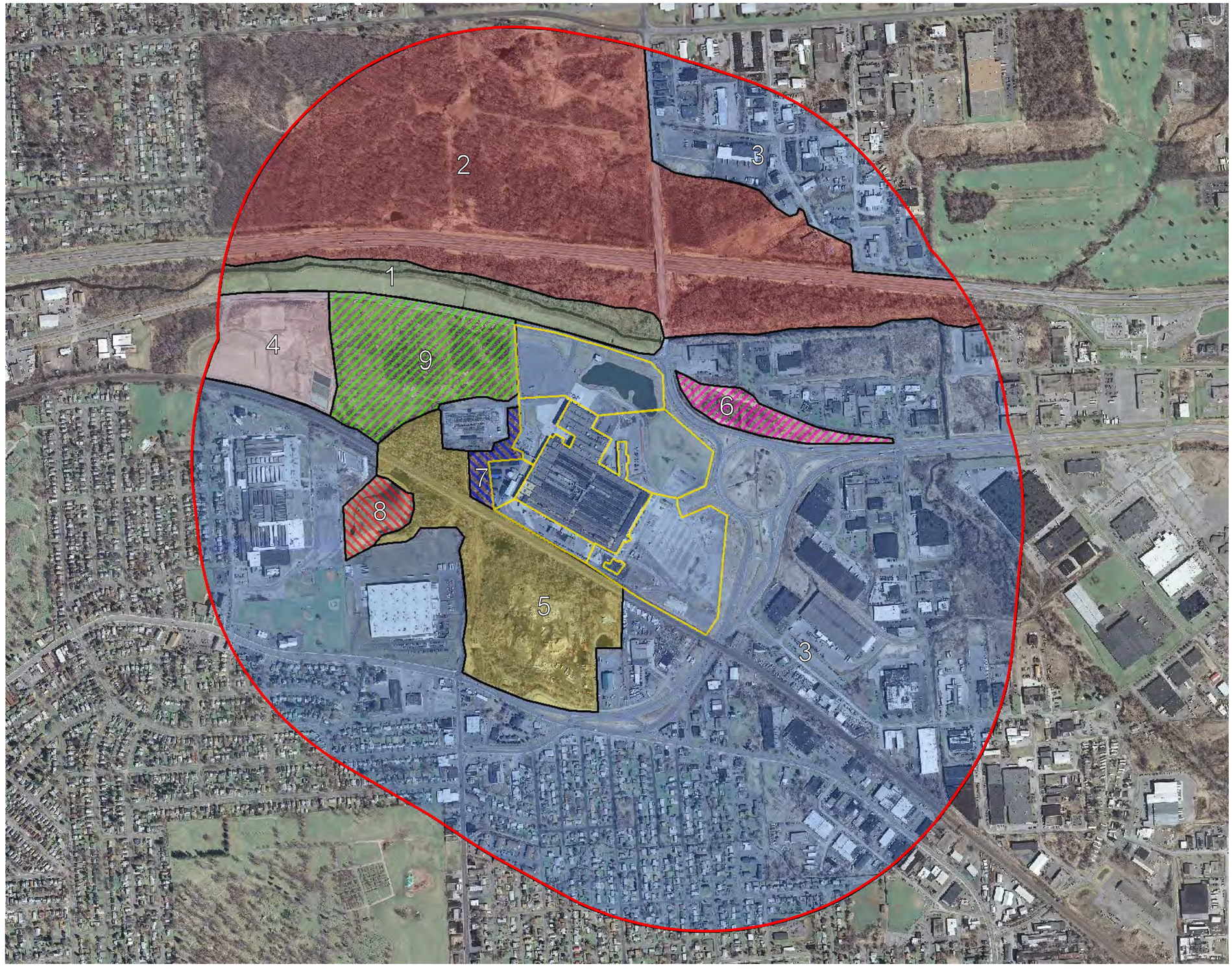
NOTES:

1 = Inhalation is not considered a major pathway to Site constituents, and therefore is not evaluated herein.

"-" = Exposure pathway not likely to occur for the associated receptor.

"+" = Exposure pathway has potential to occur for the associated receptor.

FIGURE 4



N

LEGEND

- PROPERTY BOUNDARY
- HALF MILE RADIUS

COVERTYPE

1. DREDGE SPOILS
2. FLOODPLAIN FOREST
3. CULTURAL
4. LANDFILL
5. SUCCESSIONAL NORTHERN HARDWOODS
6. REEDGRASS/PURPLE LOOSESTRIFE MARSH
7. SUCCESSIONAL SHRUBLAND
8. WATER RECHARGE BASIN
9. SHALLOW EMERGENT MARSH

RACER TRUST
FORMER SYRACUSE INLAND
FISHER GUIDE FACILITY
FISH AND WILDLIFE
IMPACT ANALYSIS
SYRACUSE, NEW YORK

STUDY AREA COVERTYPES

0 437.5 875 1,750
Feet

AUGUST 2013
14774.46297

O'BRIEN & GERE

This document was developed in color. Reproduction in B/W may not represent the data as intended. Aerials (2009) provided by NYS GIS Clearinghouse: http://www.nysgis.state.ny.us.

PATH: I:\Mlc.14774\46297.Former-Ifg-Fac\Docs\DWG\2010 FWIA\HALFMILE_COVERTYPES_Rev.mxd
NAME: NewtonJM
DATE: 7/12/2010 11:04:33 AM

PATH: I:\Mlc.14774\45148.Main-Plant-Proj\Docs\DWG\MXD\2010 FWIA\2MILE_NAT_AREAS.mxd

NAME: MortonAK

DATE: 4/27/2010 2:26:46 PM

This document was developed in color. Reproduction in B/W may not represent the data as intended. Aerials (2009) provided by NYS GIS Clearinghouse: http://www.nysgis.state.ny.us.

FIGURE 5

N

LEGEND

- PROPERTY BOUNDARY
- 2 MILE RADIUS
- NWI WETLANDS
- STATE WETLANDS
- STREAMS
- OTHER WATER BODIES

RACER TRUST
FORMER SYRACUSE INLAND
FISHER GUIDE FACILITY
FISH AND WILDLIFE
IMPACT ANALYSIS
SYRACUSE, NEW YORK

DOCUMENTED NATURAL RESOURCES

0 1,250 2,500 5,000
Feet

AUGUST 2013
14774.46297

O'BRIEN & GERE

Appendices

Appendix A – NYSDEC's Comments on FWIA Report

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D – 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9676 • **Fax:** (518) 402-9020
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

August 23, 2010

Pamela Barnett
BOW Environmental Solutions, Inc
3400 DeWeese Parkway
Dayton, Ohio 45414

Re: NYSDEC Comments on July 15, 2010, GM Former IFG Facility Fish and Wildlife Impact Analysis
O'Brien & Gere for BOW Environmental Solutions, Inc.
Order on Consent D-7-0001-97-06, GM-IFG and Ley Creek Deferred Media Site (Site # 7-34-057)

Dear Ms. Barnett:

The New York State Department of Environmental Conservation and United States Environmental Protection Agency have reviewed the July 15, 2010 BERA Report for the GM-IFG facility area. Below are comments that need to be addressed in a revised report.

General Comments

G.1 **Details of Interim Remedial Measures (IRMs) and Off-Facility Migration of Contaminants.** The potential migration of contaminants from the facility area to wetlands and Ley Creek is not fully addressed. It is indicated in the Fish and Wildlife Impact Analysis (FWIA) that the IRMs completed in the facility area minimize or eliminate potential exposure to site contaminants; however, as discussed at the July 29, 2010 meeting more details of the IRMs should be provided in the FWIA to substantiate this conclusion. Additional information can also be used to clarify why exposure to VOCs, PCBs, and metals via surface soil was included in the Conceptual Site Model submitted in June 2010, but was not considered to be a complete pathway for ecological receptors.

The FWIA should also clarify that only the Former Syracuse IFG Facility is considered in this assessment, in contrast to the 1999 Screening Level Ecological Assessment (SLEA) that considered adjacent areas including wetlands as part of the site. The SLEA stated that:

- PCBs in surface soils have leached to groundwater and migrated to Ley Creek in runoff (Section 3.3.1 of the SLEA).
- Contaminants in groundwater and storm water from the facility have impacted surface waters of Ley Creek (Section 3.3.2 of the SLEA).
- Contaminants in groundwater and storm water from the facility have impacted sediments of Ley Creek (Section 3.3.3 of the SLEA).

Information on how these areas will be addressed (best available information) should be included in the FWIA.

G.2 **Conformance with NYSDEC/USEPA April 1998 Integrated Ecological Risk Assessment Guidance for Onondaga Lake Sites.** This document does not address the USEPA ERAGS requirements of the Onondaga Lake guidance. Please add this information, as discussed at the July 29, 2010 meeting.

G.3 **Inclusion of Recent Sampling Data for Screening Against Criteria.** Recent surface soil data for the mowed area and surface water and sediment data for the retention basin should be compared to applicable regulatory criteria and included in the in FWIA, as discussed at the July 29, 2010 meeting.

Specific Comments

Typically, page numbering corresponds to complete paragraphs on a page, and begins with the first full paragraph on a page. Paragraph numbering typically includes the last paragraph on a page, even if that paragraph continues onto the next page. Bullets are considered part of the paragraph introducing them.

1. Page 2, Paragraph 7, Section 2.1.1 Conceptual Site Model. Please include a figure which illustrates the conceptual site model, including the terrestrial pathway from exposure to mowed lawn and to surface water from the retention basin.

2. Page 3, Paragraph 2, Section 2.1.1 Conceptual Site Model, Interim Remedial Measures. It is noted that there were numerous IRMs conducted which addressed contaminants in site soil, groundwater, and surface water. However, the earlier portion of this section notes the presence of PCBs, SVOCs, and metals in site soils. Please provide a figure which contains information on sample locations, and contamination (surface soil concentrations) which has not been addressed by these interim actions.

3. Page 4, Paragraph 4, Last Sentence, Section 2.2.2. Please specify any changes in species composition between 1992 and 2010.

4. Page 5, Section 2.2.3 Study Area Aquatic and Palustrine Covertypes. Please provide information regarding surface water contaminant concentrations in the retention basin.

5. Page 6, Section 2.2.4 Site and Off-site Study Area Fauna. Please include a summary of wildlife observed in grassy areas of the site, in addition to the summary of wildlife associated with the retention basin.

6. Page 6, Paragraph 2, Section 2.2.4. The New York State Herp Atlas Project (http://www.dec.ny.gov/animals/7140.html) should also be referenced.

7. Page 7, Paragraph 2, Section 2.2.4. It is believed that the fish sampling was conducted in 2008 not 2007.

8. Page 8, Paragraph 3, Section 2.2.5. In this section on wetlands, there should be some discussion on the wetland/floodplain sampling conducted in 2007 and 2008.

9. Page 9, Paragraph 4, Section 2.3.1. As mast is woody plant fruit used by wildlife for food; therefore the text "mast and fruit consuming" can be deleted.

10. Pages 14-15, Section 3. As discussed at the July 29, 2010 meeting and in Comment G.3, recent surface soil data for the mowed area and surface water and sediment data for the retention basin

should be compared to applicable regulatory criteria. The potential pathways discussions (Section 3.1.1) should be updated based on these comparisons.

11. Page 14, Paragraph 3, Section 3.1.1. Based on the Site Conceptual Model (O'Brien and Gere, 2010), there is still contamination present in some of the site soils. However, this section states that assessment of the soils in the mowed lawn area is not necessary due to the limited use by wildlife. As previously discussed, the presence of contaminants in surface soil has been documented and during the July 29th call it was indicated that this lawn area has PCB contaminated fill. In order to determine whether there is a complete pathway to receptors, surface soil data should be provided and discussed in this FWIA. While access may be limited the FWIA should include an initial screening of known soil concentrations and a qualitative analysis of likely exposures to the soil concentrations.

12. Page 14, Paragraph 6, Section 3.1.1. This section states that assessment of the retention pond is not necessary due to the low quality of the habitat. The retention pond presents a relatively attractive resource, especially to waterfowl, and represents a complete pathway of exposure since this pond is intended to hold contaminated water. MLC needs to assess the potential exposures to waterfowl and other birds in the pond or demonstrate that the pond is, or will be, permanently managed to prevent all wildlife exposures to the water.

13. Page 14, Paragraph 7, Section 3.1.1. The potential for contaminants in surface soil and groundwater to be transported to wetlands and Ley Creek should be discussed.

14. Page 15, Paragraphs 1 and 2, Section 3.1.1. It is stated that shallow groundwater does not discharge to the surface on the site. As stated in the comment above, the potential for contaminants in groundwater to be transported to wetlands and Ley Creek where ecological receptors may be exposed should be discussed.

15. Page 16, Section 4. The Conclusions should be revised to include the comparisons to criteria that will be added to the FWIA. It should also discuss the findings (as documented in the 1999 SLEA and 2000 Problem Formulation Document as well as in the 2007/2008 data report) that contamination from the facility has impacted wetlands, surface water, sediment, and biota outside of the facility.

If you have any questions regarding this letter, please call me at 518-402-9676.

Sincerely,

Susan Edwards

Susan Edwards, P.E.
Project Manager
Division of Environmental Remediation

ec: J. Redwine, Esq., Alix Partners
C. Leary, OB & G

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9676 • **Fax:** (518) 402-9020
Website: www.dec.ny.gov

Joe Martens
Commissioner

July 20, 2012

M. Brendan Mullen
Cleanup Manager (NY)
RACER Trust
2930 Ecorse Road
Ypsilanti, Michigan 48198

Re: Human Health Risk Assessment (Appendix I) and Fish and Wildlife Impact Assessment (Appendix J), Revised Remedial Investigation/Feasibility Study, Former Syracuse IFG Facility, October 2010 (Operable Unit No. 1,Site No. 7-34-057)

Dear Mr. Mullen:

The New York State Department of Environmental Conservation (Department) has reviewed the Human Health Risk Assessment (Appendix I) and the Fish and Wildlife Impact Assessment (Appendix J) of the October 2010 "Revised Remedial Investigation/Feasibility Study – Former Syracuse IFG Facility" (RI/FS Report). This RI/FS Report is for Operable Unit No. 1 of the General Motors –Fisher Guide Site (Site No. 7-34-057).

The Human Health Risk Assessment (Appendix I) is hereby approved. The Fish and Wildlife Impact Assessment (Appendix J) is not approvable as written.

Please provide the Department with a revised, approvable version of the Fish and Wildlife Impact Assessment (Appendix J), incorporating the enclosed comments by September 20, 2012. If you have any questions regarding this letter, please feel free to contact me *via* telephone at 518-402-9676.

Sincerely,

Richard A. Mustico, P.E.
Project Manager
Remedial Bureau D
Division of Environmental Remediation

enclosure

ec: Bob Edwards – NYSDEC
Margaret Sheen, Esq. - NYSDEC, Syracuse
Harry Warner - NYSDEC, Syracuse
Patricia Simmons Pierre - USEPA, NYC
Argie Cirillo, Esq. - USEPA, NYC
Joseph Heath, Esq. – Onondaga Nation
Thane Joyal, Esq. – Onondaga Nation
Jeanne Shenandoah – Onondaga Nation
Geoffrey Laccetti – NYSDOH
Mark Sergott – NYSDOH
Curtis Waterman – HETF
Fred Kirschner – AESE
Alma Lowry – Onondaga Nation
Heidi Kuhl – Onondaga Nation
Clare Leary – O'Brien & Gere
Bill Schew – O'Brien & Gere

Figures and Tables

1. Figure 3, CSM: The CSM only includes two potential exposure areas, the retention basin and the Northeast Property Area. However, the Northern Property Area also includes vegetated soil surrounding the retention basin. Waterfowl and other wildlife species, particularly if attracted to the retention basin by the availability of water, could use these areas for resting and foraging. Additionally, mammals and reptiles should be added to the list of species that could potentially be exposed to contaminants in the retention basin. Potentially exposed species may include turtles, bats, raccoons, and small mammals, among others.

Appendix J

General Comments

For the most part, the FWIA follows the steps of NY FWIA guidance (NYSDEC 1994) and U.S. EPA guidance for ecological risk assessment (ERA) (U.S. EPA 1997, 1998, 2001), although contaminants with detection limits exceeding screening benchmarks (if any) are not addressed, and ERA Step 3A was not always applied according to U.S. EPA Region 2 protocols. The results of soil sampling indicate that 10 compounds (chromium, copper, lead, nickel, zinc, butyl benzyl phthalate, di-n-octyl phthalate, cis-1,2 dichloroethene, bis(2-ethylhexyl)phthalate, and carbon disulfide) should be retained following comparisons to screening benchmarks (5 of these exceeded screening benchmarks and 5 had no screening values). At this point, Step 3A can be performed to further narrow down the COPCs. The first supplemental component in Step 3A, comparison to background, was not applied. The second, frequency and magnitude of detection, was used to evaluate contaminants (although the process was not identified as being performed as Step 3A of ecological risk assessment). Two compounds (butyl benzylphthalate and di-n-octyl phthalate) were thus legitimately eliminated, with a detection frequency of less than 5% (1/21 samples). However, two other compounds are inappropriately eliminated: cis-1,2 dichloroethene, which had a detection frequency of 13% and was only analyzed in 15 samples, and carbon disulfide, which had a detection frequency of 19% and was only analyzed in 16 samples. Further, one compound with no screening value (bis(2-ethylhexyl)phthalate) was not discussed; this contaminant should also be retained, since it was detected at a frequency of 9% (2/21 samples).

Following consideration of detection frequency, the remaining COPCs for surface soils (chromium, copper, lead, nickel, and zinc) were subsequently eliminated based on the magnitude of detection (*i.e.*, the degree to which benchmarks were exceeded). Copper, lead, nickel, and zinc, with HQs of 2.2 or less, were eliminated in this manner. All HQs greater than one are associated with risk, and therefore should not be eliminated. However, during Step 3A of the BERA, contaminants may be further refined by comparing mean exposure concentrations to conservative and less conservative screening values. Further, elimination of chromium does not appear to be justified based on the magnitude of exceedance, with HQs for mean and maximum measured concentrations of up to 37 and 74, respectively. Chromium could instead be eliminated by applying less conservative benchmarks; both the mean and maximum measured concentrations were less than the NYSDEC Restricted Use Soil Cleanup Objective value (Protection of Ecological Resources). The Eco-SSLs for mammals was also not exceeded, but it

does not seem appropriate to eliminate chromium as a COPC for all potential receptor groups based solely on the possibility of effects to mammals.

While all contaminants in soil (with the possible exception of compounds with detection limits exceeding screening benchmarks) may thus be eliminated as COPCs, this does not appear to be the case for surface water. Although the FWIA concludes that there are no COPCs in surface water, there appears to be a significant error in the evaluation of surface water from Outfall 005. The FWIA states that the mean and maximum concentrations of Aroclor 1248 were below all screening levels. However, the calculated HQ for the maximum concentration of Aroclor 1248, as compared to the most conservative screening benchmark, is 3,513. Using the average value and the highest screening benchmark, the calculated HQ is 9. Aroclor 1248 should be retained as a COPC.

For surface water collected from Outfall 005, aluminum and iron were eliminated based on the frequency and magnitude of benchmark exceedances. The maximum HQ for iron was 3. The HQs for aluminum were somewhat higher, ranging from 3 (for mean concentrations) to 11 (for maximum concentrations). The FWIA also indicates that aluminum was eliminated based on the proportion of samples (25%) that exceeded screening values; however, the number of exceedances is not a criterion for exclusion in a SLERA or in Step 3A of a BERA (U.S. EPA 1997, 1998, 2001). In addition, all available benchmarks for aluminum were exceeded. Whether HQs ranging from 3 to 11 are sufficiently low to exclude aluminum from further consideration as a COPC in surface water based on the magnitude of exceedances is a scientific management decision point (SMDP).

A comparison should be made between detection limits and screening values, so that any compounds not detected, but with detection limits exceeding screening values, can be properly evaluated for the potential to present ecological risk. In addition, further consideration of contaminants for which screening values are not available is warranted. The FWIA states that these compounds do not appear to present ecological risk because they had low frequencies of detection, but no threshold for elimination is presented.

Specific Comments

1. Section 2.1.1, *Conceptual Site Model*, page 4, last paragraph: The Current Site Soil Conditions and Data Sets are presented in Appendix D, not Appendix C, as stated. In addition, the text states that sample locations and constituents not being addressed by the IRMs are identified in Tables 4-6 through 4-12 of the main document. However, only Tables 4-6 through 4-9 appear to be included with the RI/FS. Further, Tables 4-6 through 4-9 only present the information for groundwater. Presumably some results from surface soil samples are also irrelevant following IRMs involving paving and other ground surface modifications; however, similar information for surface soils could not be located. Information regarding which surface soil samples, specifically, are still relevant (i.e., have not been affected by IRMs) would be useful for evaluating ecological risk.

2. Section 2.2.5, *Other Physical Resources - Significant habitats and rare, threatened, or endangered species*, page 9, (last paragraph): The text states that, "the habitat requirements to support [rare, threatened, or endangered species] are not present." Please note whether this statement only applies to the site itself, or includes the study area (as per NYSDEC guidance the FWIA should evaluate the area within a ½ mile radius of a site).

3. Section 2.2.5, *Other Physical Resources - Wetland Habitats,* page 9: More information regarding the sampling performed in SYE 6 should be presented in the FWIA, including a map depicting the sampling locations and a table presenting the analytical results (along with the depth of each sample). It is not sufficient to only list the contaminants that were detected.

4. Section 2.3.1, *Value of Habitat to Associated Fauna – Offsite Study Area - Other Cultural Covertypes*, page 12: The last sentence of this paragraph states, "This analysis acknowledges the need for and use of urban areas by many wildlife species, but does not consider these habitats to be impacted by the Site." There does not appear to be any basis for this statement as the FWIA has not presented any data (at this point) to lead to the conclusion that there are no contaminant impacts. This sentence should be removed.

5. Section 3.1.1, *Terrestrial Habitat – Surface Soil Exposure Pathway*, page 16, 3rd paragraph: The text lists sample ID numbers for 8 soil samples used in the soil assessment. However, according to the soil screening results section (3.2.1), 21 samples were evaluated. No description of the additional 13 samples can be found. Further, Appendix B of the FWIA purportedly shows surface soil data used to perform the ecological evaluation, but it is unclear which samples were used in the assessment. Many of the samples presented in this appendix cannot be considered surface samples, since they were taken from depths over 1 foot BGS. A separate table or appendix should be included that contains just the surface soil sample results used in the FWIA. In addition, a figure depicting the surface soil sampling locations (aside from those taken prior to placement of the excavated soil in the Northeast Property Area) should be included in the FWIA.

6. Section 3.1.3, *Groundwater Exposure* Pathway, page 17: A sentence should be added to the last paragraph of this section that indicates that the exposure pathway to off-site receptors via groundwater will be evaluated in the investigation of off-site areas potentially impacted by the Site.

7. Section 3.2, *Criteria Specific* Analyses, page 17: The text or tables should indicate which contaminants were analyzed for both surface soil and surface water, not just which ones were detected, and discuss any cases where detection limits exceeded screening benchmarks. The potential for risk from such contaminants should be discussed.

8. Section 3.2.1, *Surface Soil Screening Results*, page 17, 2nd paragraph: The number of compounds with maximum concentrations lower than the lowest screening benchmark is 26, not 27, as stated in the text. Five compounds, not four, did not have screening benchmarks. Bis(2-ethylhexyl) phthalate should be added to the list of compounds with no screening benchmarks and a low frequency of detection (2/21).

9. Section 3.2.1, *Surface Soil Screening Results*, page 17, 3rd paragraph: The discussion of chromium indicates that only two of six criteria were exceeded, when in fact three of six criteria (values for microorganisms and microbial processes, earthworms, and terrestrial plants) were exceeded. In addition, average contaminant concentrations exceeding screening values by more than one order of magnitude are not necessarily *de minimus*. However, by applying the less conservative screening value from NYSDEC (2006), chromium can be excluded as a COPC.

10. Section 3.2.2, *Surface Water Outfall 005*, page 18 and associated table (Table 8): Aroclor 1248 is listed as not being a COPC, with the justification being that concentrations measured in surface water from Outfall 005 were below screening values. However, according to the values for the selected screening concentration (2.6×10^{-4} milligrams per liter [mg/L]) and the selected criteria (7.4×10^{-8} mg/L), the maximum concentration of Aroclor 1248 was over 3,500 times the lowest screening value. This contaminant should be considered a COPC. The text also states that based on the results of the Outfall 005 surface water evaluation, risk to receptors at the retention basin are expected to be minimal. This paragraph should be revised to indicate that not only may there be the potential for risk to receptors exposed to Aroclor 1248 in the retention basin, but to also indicate that there may be transport of Aroclor 1248 to Ley Creek via site-related discharge at Outfall 005.

11. Section 4, *Summary and Conclusions*, page 19, 2nd paragraph: The text indicates that the SLEA prepared for the Site in 1999 evaluated, "potential Site-related impacts to ecological receptors of the main facility Site and the surrounding habitats. Findings of that assessment included the potential for Site-related impacts to receptors due to constituent concentrations in Site surface soils..." It is unclear from this statement what the conclusions of the SLEA were regarding the potential impacts to receptors at the Site itself. Clarification is needed. If the SLEA states that the potential exists for impacts to receptors at the Site, it is inconsistent with this FWIA, which states that the potential for impacts to receptors at the Site is considered *de minimus*. If the conclusions of the two evaluations are not in accordance, an explanation for the different interpretations is necessary.

12. Section 4, *Summary and Conclusions*, page 19, 4th paragraph: While the habitat quality of the Site is undoubtedly low compared to certain nearby areas, it does not mean wildlife will "select" higher quality habitat and thus be unlikely to use the Site. First, some wildlife species prefer open habitat such as that offered by a mowed lawn. Second, wildlife populations often contain subordinate or transient individuals that are either unable to establish themselves in high-quality habitats or that use lower quality habitats temporarily. Such individuals may be exposed to contaminants at the Site. A preferred approach to evaluating the potential for exposure (rather than simply stating that the habitat) would not be used, would be to apply area use factors or habitat preference models to quantify the potential for exposure.

BTAG COMMENTS on the JUNE 2013 GMIFG ON-SITE FWIA RLSO

1. Section 3.1.1Terrestrial Habitat – Surface Soil Exposure Pathway, page 16: All tables and figures cited in the report text should match with those in the cited source. Some of the figures and tables cited in this section are different from the sources or do not exist at all. Specifically, the following issues should be resolved:

    a. The report indicated that the boring locations are presented in Figure D-1 of Appendix D of this report; however, the figure in Appendix D of this report is labeled as Figure 3-2.

    b. The report cited Figure D-2 of Appendix D of this report; however, there is no Figure D-2 in Appendix D of this report.

    The report cited Table 1 in Appendix D of the 2010 Revised RI/FS Report, but the Table in the cited source was labeled as Table D1.

2. Section 3.2.1 Surface Soil Screening Results, pages 18 - 19 and Section 4 Summary and Conclusions, page 25: Please correct the spelling of the following organic compounds: butyl benzylphthlate should be butyl benzylphth**a**late; di-n-octylphtalate should be di-n-octylpht**h**alate and cic-1, 2 dichloroethene should be changed to **cis**-1, 2 dichloroethene.

3. Section 3.2.3 Groundwater Screening Results, page 22: The report concludes that potential risk to fish and wildlife of Ley Creek exists from exposure to PCBs and metals discharging from shallow groundwater. This section should be revised to include relevant information from the Off-Site BERA and refer readers to the specific Section(s) within that document for further information.

4. Section 4 Summary and Conclusions, page 25: The report concludes that the concentrations of constituents detected in groundwater wells would likely decrease at the point of discharge to Ley Creek surface water, minimizing the risk posed to receptors. As discussed above, surface water and sediment data and conclusions from the Off-Site BERA should be cited to support the claim that groundwater contaminants are not a concern to surface water receptors.

5. Table 6b Surface Soil COPC Exposure Point Concentrations: Based upon the Appendix B FWIA Data Set, Table B-1, Surface Soil, the surface soil average and UCL values for chromium cannot not confirmed. Specifically, calculated values for chromium should be average concentration (mg/kg) 1.63E+01 (compared to 1.47E+01 in Table 6B) and potential UCL to use (EPC): 1.93E+01 mg/kg (compared to 1.80E+01 mg/kg in Table 6b). Review the data used to obtain chromium EPCs and revise Tables 6b, 6c and 6d accordingly. Although the numerical HQs derived will change with this revision of surface soil concentrations, previously identified exceedances in comparison to screening values (Table 6c) will not change. However, the revised UCL does indicate that chromium UCL comparisons to rural soil background concentrations yield a HQ greater than "1".

6. Table 6d Ratio of Surface Soil COPC Concentrations to Site-Specific and Regional Background Values: The ratio for average/Site-specific background concentration for copper (1.14E+00) should be in bold face because the ratio of concentration to criteria exceeds one. Revise the table accordingly.

FWIA Data Set

Table B-1: Surface Soil

Table B-2: Surface Water

Table B-3: Outfall 005

Table B-4: Shallow Groundwater

Table B-5: Table 4-4 from 2010 Supplemental RI – Site-specific Background Data

Table B-6: ProUCL Raw Data Output for Surface Soil COPCs

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.88	mg/kg	YES	J	0	2	ft	N	SO		SW8082
OBG-TB-02-10	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.77	mg/kg	YES	J	2	4	ft	N	SO		SW8082
OBG-TB-02-10	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.78	mg/kg	YES		8	10	ft	N	SO		SW8082
OBG-TB-02-11	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.27	mg/kg	YES	J	4	6	ft	N	SO		SW8082
OBG-TB-02-8	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.29	mg/kg	YES	J	0	2	ft	N	SO		SW8082
OBG-TB-02-9	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.59	mg/kg	YES		0	2	ft	N	SO		SW8082
OBG-TB-02-9	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.48	mg/kg	YES	J	2	4	ft	N	SO		SW8082
TS-02	12672-29-6	Aroclor-1248 (PCB-1248)	8/15/2002	0.85	mg/kg	YES					N	SO		SW8082
OBG-TB-02-10	7440-38-2	Arsenic	7/2/2002	3.4	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-10	7440-38-2	Arsenic	7/2/2002	3.2	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-10	7440-38-2	Arsenic	7/2/2002	4.1	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-10	7440-38-2	Arsenic	7/2/2002	2.8	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-10	7440-38-2	Arsenic	7/2/2002	4.1	mg/kg	YES		8	10	ft	N	SO		SW6010
OBG-TB-02-10	7440-38-2	Arsenic	7/2/2002	5	mg/kg	YES		10	12	ft	N	SO		SW6010
OBG-TB-02-11	7440-38-2	Arsenic	7/2/2002	4.4	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-11	7440-38-2	Arsenic	7/2/2002	3.8	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-11	7440-38-2	Arsenic	7/2/2002	4.5	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-11	7440-38-2	Arsenic	7/2/2002	6.7	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-14	7440-38-2	Arsenic	7/2/2002	4.5	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-14	7440-38-2	Arsenic	7/2/2002	8.2	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-15	7440-38-2	Arsenic	7/2/2002	5.3	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-38-2	Arsenic	7/2/2002	4.1	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-38-2	Arsenic	7/2/2002	4.9	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-8	7440-38-2	Arsenic	7/2/2002	4.3	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-38-2	Arsenic	7/2/2002	3	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-9	7440-38-2	Arsenic	7/2/2002	3.9	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-9	7440-38-2	Arsenic	7/2/2002	5	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-38-2	Arsenic	7/2/2002	3.3	mg/kg	YES		6	8	ft	N	SO		SW6010
TS-02	7440-38-2	Arsenic	8/15/2002	5.7	mg/kg	YES					N	SO		SW6010
OBG-TB-02-10	7440-47-3	Chromium	7/2/2002	15.9	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-10	7440-47-3	Chromium	7/2/2002	11.8	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-10	7440-47-3	Chromium	7/2/2002	16.1	mg/kg	YES	J	4	6	ft	N	SO		SW6010
OBG-TB-02-10	7440-47-3	Chromium	7/2/2002	9.4	mg/kg	YES	J	6	8	ft	N	SO		SW6010
OBG-TB-02-10	7440-47-3	Chromium	7/2/2002	12.7	mg/kg	YES	J	8	10	ft	N	SO		SW6010
OBG-TB-02-10	7440-47-3	Chromium	7/2/2002	20.5	mg/kg	YES	J	10	12	ft	N	SO		SW6010
OBG-TB-02-11	7440-47-3	Chromium	7/2/2002	27.1	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-11	7440-47-3	Chromium	7/2/2002	11	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-11	7440-47-3	Chromium	7/2/2002	15.1	mg/kg	YES	J	4	6	ft	N	SO		SW6010
OBG-TB-02-11	7440-47-3	Chromium	7/2/2002	29.5	mg/kg	YES	J	6	8	ft	N	SO		SW6010
OBG-TB-02-14	7440-47-3	Chromium	7/2/2002	15.6	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-14	7440-47-3	Chromium	7/2/2002	26.3	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-15	7440-47-3	Chromium	7/2/2002	18.6	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-47-3	Chromium	7/2/2002	16.9	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-47-3	Chromium	7/2/2002	17.1	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-8	7440-47-3	Chromium	7/2/2002	11.6	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-47-3	Chromium	7/2/2002	10.9	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-9	7440-47-3	Chromium	7/2/2002	11.9	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-9	7440-47-3	Chromium	7/2/2002	21	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-47-3	Chromium	7/2/2002	12.1	mg/kg	YES	J	6	8	ft	N	SO		SW6010
TS-01	7440-47-3	Chromium	8/15/2002	23.2	mg/kg	YES					N	SO		SW6010
TS-02	7440-47-3	Chromium	8/15/2002	24.3	mg/kg	YES					N	SO		SW6010
OBG-TB-02-10	7440-50-8	Copper	7/2/2002	17.2	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-10	7440-50-8	Copper	7/2/2002	19.6	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-10	7440-50-8	Copper	7/2/2002	16.9	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-10	7440-50-8	Copper	7/2/2002	15.4	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-10	7440-50-8	Copper	7/2/2002	17.3	mg/kg	YES		8	10	ft	N	SO		SW6010
OBG-TB-02-10	7440-50-8	Copper	7/2/2002	20.9	mg/kg	YES		10	12	ft	N	SO		SW6010
OBG-TB-02-11	7440-50-8	Copper	7/2/2002	27.3	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-11	7440-50-8	Copper	7/2/2002	12.4	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-11	7440-50-8	Copper	7/2/2002	19.2	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-11	7440-50-8	Copper	7/2/2002	29.5	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-14	7440-50-8	Copper	7/2/2002	19.3	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-14	7440-50-8	Copper	7/2/2002	27.4	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-15	7440-50-8	Copper	7/2/2002	18.2	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-50-8	Copper	7/2/2002	18.5	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-50-8	Copper	7/2/2002	18.2	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-8	7440-50-8	Copper	7/2/2002	16.7	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-50-8	Copper	7/2/2002	11.5	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-9	7440-50-8	Copper	7/2/2002	25.9	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-9	7440-50-8	Copper	7/2/2002	22.3	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-50-8	Copper	7/2/2002	13.7	mg/kg	YES		6	8	ft	N	SO		SW6010
TS-01	7440-50-8	Copper	8/15/2002	22.9	mg/kg	YES					N	SO		SW6010
TS-02	7440-50-8	Copper	8/15/2002	25.2	mg/kg	YES					N	SO		SW6010
OBG-TB-02-10	7439-92-1	Lead	7/2/2002	9.8	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-10	7439-92-1	Lead	7/2/2002	5.7	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-10	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.57	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-10	7439-92-1	Lead	7/2/2002	9.3	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-10	7439-92-1	Lead	7/2/2002	7.3	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-10	7439-92-1	Lead	7/2/2002	6.6	mg/kg	YES		8	10	ft	N	SO		SW6010
OBG-TB-02-10	7439-92-1	Lead	7/2/2002	9.2	mg/kg	YES		10	12	ft	N	SO		SW6010
OBG-TB-02-11	7439-92-1	Lead	7/2/2002	10.7	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-11	7439-92-1	Lead	7/2/2002	8.4	mg/kg	YES		2	4	ft	N	SO		SW6010

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	7439-92-1	Lead	7/2/2002	7.7	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-11	7439-92-1	Lead	7/2/2002	11.4	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-14	7439-92-1	Lead	7/2/2002	9.5	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-14	7439-92-1	Lead	7/2/2002	23.3	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-15	7439-92-1	Lead	7/2/2002	8.6	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7439-92-1	Lead	7/2/2002	9.9	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-8	7439-92-1	Lead	7/2/2002	8.2	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-8	7439-92-1	Lead	7/2/2002	8.8	mg/kg	YES	J	4	6	ft	N	SO		SW6010
OBG-TB-02-9	7439-92-1	Lead	7/2/2002	4.8	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-9	7439-92-1	Lead	7/2/2002	6.2	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-9	7439-92-1	Lead	7/2/2002	10	mg/kg	YES	J	4	6	ft	N	SO		SW6010
OBG-TB-02-9	7439-92-1	Lead	7/2/2002	7.7	mg/kg	YES		6	8	ft	N	SO		SW6010
TS-01	7439-92-1	Lead	8/15/2002	17.6	mg/kg	YES					N	SO		SW6010
TS-02	7439-92-1	Lead	8/15/2002	21.4	mg/kg	YES					N	SO		SW6010
OBG-TB-02-10	7440-02-0	Nickel	7/2/2002	18.4	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-10	7440-02-0	Nickel	7/2/2002	13.9	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-10	7440-02-0	Nickel	7/2/2002	17.1	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-10	7440-02-0	Nickel	7/2/2002	10	mg/kg	YES	J	6	8	ft	N	SO		SW6010
OBG-TB-02-10	7440-02-0	Nickel	7/2/2002	13.6	mg/kg	YES		8	10	ft	N	SO		SW6010
OBG-TB-02-10	7440-02-0	Nickel	7/2/2002	19.8	mg/kg	YES		10	12	ft	N	SO		SW6010
OBG-TB-02-11	7440-02-0	Nickel	7/2/2002	46.8	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-11	7440-02-0	Nickel	7/2/2002	11.7	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-11	7440-02-0	Nickel	7/2/2002	18.3	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-11	7440-02-0	Nickel	7/2/2002	33.8	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-14	7440-02-0	Nickel	7/2/2002	17.9	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-14	7440-02-0	Nickel	7/2/2002	25.5	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-15	7440-02-0	Nickel	7/2/2002	19.2	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-02-0	Nickel	7/2/2002	16.6	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-02-0	Nickel	7/2/2002	18.2	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-8	7440-02-0	Nickel	7/2/2002	13.8	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-02-0	Nickel	7/2/2002	11.2	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-9	7440-02-0	Nickel	7/2/2002	15.5	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-9	7440-02-0	Nickel	7/2/2002	24.5	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-02-0	Nickel	7/2/2002	12.4	mg/kg	YES		6	8	ft	N	SO		SW6010
TS-01	7440-02-0	Nickel	8/15/2002	23.8	mg/kg	YES					N	SO		SW6010
TS-02	7440-02-0	Nickel	8/15/2002	27.1	mg/kg	YES					N	SO		SW6010
OBG-TB-02-10	7440-66-6	Zinc	7/2/2002	52.4	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-10	7440-66-6	Zinc	7/2/2002	50.2	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-10	7440-66-6	Zinc	7/2/2002	46.9	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-10	7440-66-6	Zinc	7/2/2002	29.3	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-10	7440-66-6	Zinc	7/2/2002	34.4	mg/kg	YES		8	10	ft	N	SO		SW6010
OBG-TB-02-10	7440-66-6	Zinc	7/2/2002	50.3	mg/kg	YES		10	12	ft	N	SO		SW6010
OBG-TB-02-11	7440-66-6	Zinc	7/2/2002	69	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-11	7440-66-6	Zinc	7/2/2002	43.8	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-8	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	108-95-2	Phenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	95-57-8	2-Chlorophenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	541-73-1	1,3-Dichlorobenzene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	106-46-7	1,4-Dichlorobenzene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	95-50-1	1,2-Dichlorobenzene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	95-48-7	2-Methylphenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	106-44-5	4-Methylphenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	67-72-1	Hexachloroethane	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	98-95-3	Nitrobenzene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	78-59-1	Isophorone	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	88-75-5	2-Nitrophenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	105-67-9	2,4-Dimethylphenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	120-83-2	2,4-Dichlorophenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	91-20-3	Naphthalene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	106-47-8	4-Chloroaniline	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	87-68-3	Hexachlorobutadiene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	59-50-7	4-Chloro-3-methylphenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	91-57-6	2-Methylnaphthalene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	77-47-4	Hexachlorocyclopentadiene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	88-06-2	2,4,6-Trichlorophenol	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	91-58-7	2-Chloronaphthalene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	88-74-4	2-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	131-11-3	Dimethyl phthalate	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	208-96-8	Acenaphthylene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	606-20-2	2,6-Dinitrotoluene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	99-09-2	3-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	83-32-9	Acenaphthene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	51-28-5	2,4-Dinitrophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	100-02-7	4-Nitrophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	132-64-9	Dibenzofuran	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	121-14-2	2,4-Dinitrotoluene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	84-66-2	Diethyl phthalate	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-8	86-73-7	Fluorene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	100-01-6	4-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	86-30-6	N-Nitrosodiphenylamine	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	118-74-1	Hexachlorobenzene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	87-86-5	Pentachlorophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	85-01-8	Phenanthrene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	120-12-7	Anthracene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	86-74-8	Carbazole	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	206-44-0	Fluoranthene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	129-00-0	Pyrene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	790	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	56-55-3	Benzo(a)anthracene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	218-01-9	Chrysene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	205-99-2	Benzo(b)fluoranthene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	207-08-9	Benzo(k)fluoranthene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	50-32-8	Benzo(a)pyrene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	53-70-3	Dibenz(a,h)anthracene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	191-24-2	Benzo(g,h,i)perylene	7/2/2002	400	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	108-95-2	Phenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	95-57-8	2-Chlorophenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	541-73-1	1,3-Dichlorobenzene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	106-46-7	1,4-Dichlorobenzene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	95-50-1	1,2-Dichlorobenzene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	95-48-7	2-Methylphenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	106-44-5	4-Methylphenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	67-72-1	Hexachloroethane	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	98-95-3	Nitrobenzene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	78-59-1	Isophorone	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	88-75-5	2-Nitrophenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	105-67-9	2,4-Dimethylphenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	120-83-2	2,4-Dichlorophenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	91-20-3	Naphthalene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	106-47-8	4-Chloroaniline	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	87-68-3	Hexachlorobutadiene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	59-50-7	4-Chloro-3-methylphenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	91-57-6	2-Methylnaphthalene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	77-47-4	Hexachlorocyclopentadiene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	88-06-2	2,4,6-Trichlorophenol	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	91-58-7	2-Chloronaphthalene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	88-74-4	2-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	131-11-3	Dimethyl phthalate	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	208-96-8	Acenaphthylene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	606-20-2	2,6-Dinitrotoluene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	99-09-2	3-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	83-32-9	Acenaphthene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	51-28-5	2,4-Dinitrophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	100-02-7	4-Nitrophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	132-64-9	Dibenzofuran	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	121-14-2	2,4-Dinitrotoluene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	84-66-2	Diethyl phthalate	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	86-73-7	Fluorene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	100-01-6	4-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	86-30-6	N-Nitrosodiphenylamine	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	118-74-1	Hexachlorobenzene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	87-86-5	Pentachlorophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	85-01-8	Phenanthrene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	120-12-7	Anthracene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	86-74-8	Carbazole	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	7440-66-6	Zinc	7/2/2002	47.3	mg/kg	YES		4	6	ft	N	SO		SW6010
OBG-TB-02-11	7440-66-6	Zinc	7/2/2002	78.3	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-8	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	790	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	56-55-3	Benzo(a)anthracene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	218-01-9	Chrysene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-8	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	7440-66-6	Zinc	7/2/2002	45.7	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	207-08-9	Benzo(k)fluoranthene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	50-32-8	Benzo(a)pyrene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	53-70-3	Dibenz(a,h)anthracene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	191-24-2	Benzo(g,h,i)perylene	7/2/2002	400	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	108-95-2	Phenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	95-57-8	2-Chlorophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	541-73-1	1,3-Dichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	106-46-7	1,4-Dichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	95-50-1	1,2-Dichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	95-48-7	2-Methylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	106-44-5	4-Methylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	67-72-1	Hexachloroethane	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	98-95-3	Nitrobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	78-59-1	Isophorone	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	88-75-5	2-Nitrophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	105-67-9	2,4-Dimethylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	120-83-2	2,4-Dichlorophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	91-20-3	Naphthalene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	106-47-8	4-Chloroaniline	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	87-68-3	Hexachlorobutadiene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	59-50-7	4-Chloro-3-methylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	91-57-6	2-Methylnaphthalene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	77-47-4	Hexachlorocyclopentadiene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	88-06-2	2,4,6-Trichlorophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	91-58-7	2-Chloronaphthalene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	131-11-3	Dimethyl phthalate	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	208-96-8	Acenaphthylene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	606-20-2	2,6-Dinitrotoluene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	83-32-9	Acenaphthene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	132-64-9	Dibenzofuran	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	121-14-2	2,4-Dinitrotoluene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	84-66-2	Diethyl phthalate	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	86-73-7	Fluorene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	86-30-6	N-Nitrosodiphenylamine	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	118-74-1	Hexachlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-14	7440-66-6	Zinc	7/2/2002	105	mg/kg	YES		2	4	ft	N	SO		SW6010
OBG-TB-02-8	120-12-7	Anthracene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	86-74-8	Carbazole	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-15	7440-66-6	Zinc	7/2/2002	46	mg/kg	YES		0	2	ft	N	SO		SW6010
OBG-TB-02-8	7440-66-6	Zinc	7/2/2002	45.4	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-8	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	760	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	7440-66-6	Zinc	7/2/2002	47.1	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-8	7440-66-6	Zinc	7/2/2002	44.6	mg/kg	YES	J	4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-66-6	Zinc	7/2/2002	38.9	mg/kg	YES	J	0	2	ft	N	SO		SW6010
OBG-TB-02-8	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	7440-66-6	Zinc	7/2/2002	47.5	mg/kg	YES	J	2	4	ft	N	SO		SW6010
OBG-TB-02-8	207-08-9	Benzo(k)fluoranthene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	50-32-8	Benzo(a)pyrene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	53-70-3	Dibenz(a,h)anthracene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-8	191-24-2	Benzo(g,h,i)perylene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	108-95-2	Phenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	95-57-8	2-Chlorophenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	541-73-1	1,3-Dichlorobenzene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	106-46-7	1,4-Dichlorobenzene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	95-50-1	1,2-Dichlorobenzene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	95-48-7	2-Methylphenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	106-44-5	4-Methylphenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-9	67-72-1	Hexachloroethane	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	98-95-3	Nitrobenzene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	78-59-1	Isophorone	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	88-75-5	2-Nitrophenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	105-67-9	2,4-Dimethylphenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	120-83-2	2,4-Dichlorophenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	91-20-3	Naphthalene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	106-47-8	4-Chloroaniline	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	87-68-3	Hexachlorobutadiene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	59-50-7	4-Chloro-3-methylphenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	91-57-6	2-Methylnaphthalene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	77-47-4	Hexachlorocyclopentadiene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	88-06-2	2,4,6-Trichlorophenol	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	91-58-7	2-Chloronaphthalene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	88-74-4	2-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	131-11-3	Dimethyl phthalate	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	208-96-8	Acenaphthylene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	606-20-2	2,6-Dinitrotoluene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	99-09-2	3-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	83-32-9	Acenaphthene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	51-28-5	2,4-Dinitrophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	100-02-7	4-Nitrophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	132-64-9	Dibenzofuran	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	121-14-2	2,4-Dinitrotoluene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	Diethyl phthalate	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	86-73-7	Fluorene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	100-01-6	4-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	86-30-6	N-Nitrosodiphenylamine	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	118-74-1	Hexachlorobenzene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	87-86-5	Pentachlorophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	Phenanthrene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	120-12-7	Anthracene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	86-74-8	Carbazole	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	7440-66-6	Zinc	7/2/2002	62.6	mg/kg	YES	J	4	6	ft	N	SO		SW6010
OBG-TB-02-9	7440-66-6	Zinc	7/2/2002	33.8	mg/kg	YES		6	8	ft	N	SO		SW6010
OBG-TB-02-9	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	700	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	56-55-3	Benzo(a)anthracene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	218-01-9	Chrysene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
TS-01	7440-66-6	Zinc	8/15/2002	77.3	mg/kg	YES					N	SO		SW6010
OBG-TB-02-9	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	205-99-2	Benzo(b)fluoranthene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	207-08-9	Benzo(k)fluoranthene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	50-32-8	Benzo(a)pyrene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	53-70-3	Dibenz(a,h)anthracene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	191-24-2	Benzo(g,h,i)perylene	7/2/2002	350	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	108-95-2	Phenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	95-57-8	2-Chlorophenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	541-73-1	1,3-Dichlorobenzene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	106-46-7	1,4-Dichlorobenzene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	95-50-1	1,2-Dichlorobenzene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	95-48-7	2-Methylphenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	106-44-5	4-Methylphenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	67-72-1	Hexachloroethane	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	98-95-3	Nitrobenzene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	78-59-1	Isophorone	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	88-75-5	2-Nitrophenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	105-67-9	2,4-Dimethylphenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	120-83-2	2,4-Dichlorophenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	91-20-3	Naphthalene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	106-47-8	4-Chloroaniline	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	87-68-3	Hexachlorobutadiene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	59-50-7	4-Chloro-3-methylphenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	91-57-6	2-Methylnaphthalene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	77-47-4	Hexachlorocyclopentadiene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	88-06-2	2,4,6-Trichlorophenol	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	91-58-7	2-Chloronaphthalene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-9	131-11-3	Dimethyl phthalate	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	208-96-8	Acenaphthylene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	606-20-2	2,6-Dinitrotoluene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	83-32-9	Acenaphthene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	132-64-9	Dibenzofuran	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	121-14-2	2,4-Dinitrotoluene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	Diethyl phthalate	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	86-73-7	Fluorene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	86-30-6	N-Nitrosodiphenylamine	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	118-74-1	Hexachlorobenzene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
TS-02	7440-66-6	Zinc	8/15/2002	83.8	mg/kg	YES					N	SO		SW6010
OBG-TB-02-9	120-12-7	Anthracene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	86-74-8	Carbazole	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
TS-01	78-93-3	2-Butanone	8/15/2002	3	ug/kg	YES	J				N	SO		SW8260
TS-02	78-93-3	2-Butanone	8/15/2002	3	ug/kg	YES	J				N	SO		SW8260
OBG-TB-02-9	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	740	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	3	ug/kg	YES	J	6	8	ft	N	SO		SW8260
OBG-TB-02-10	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	8	ug/kg	YES	J	4	6	ft	N	SO		SW8260
OBG-TB-02-10	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	10	ug/kg	YES	J	8	10	ft	N	SO		SW8260
OBG-TB-02-9	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	10	ug/kg	YES	J	10	12	ft	N	SO		SW8260
OBG-TB-02-11	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	8	ug/kg	YES	J	6	8	ft	N	SO		SW8260
OBG-TB-02-8	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	6	ug/kg	YES	J	4	6	ft	N	SO		SW8260
OBG-TB-02-9	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	5	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-9	53-70-3	Dibenz(a,h)anthracene	7/2/2002	370	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-9	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	10	ug/kg	YES	J	4	6	ft	N	SO		SW8260
OBG-TB-02-9	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	108-95-2	Phenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	95-57-8	2-Chlorophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	541-73-1	1,3-Dichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	106-46-7	1,4-Dichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	95-50-1	1,2-Dichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	95-48-7	2-Methylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	106-44-5	4-Methylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	67-72-1	Hexachloroethane	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	98-95-3	Nitrobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	78-59-1	Isophorone	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	88-75-5	2-Nitrophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	105-67-9	2,4-Dimethylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	120-83-2	2,4-Dichlorophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	17	ug/kg	YES	J	6	8	ft	N	SO		SW8260
OBG-TB-02-9	106-47-8	4-Chloroaniline	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	87-68-3	Hexachlorobutadiene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	59-50-7	4-Chloro-3-methylphenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	91-57-6	2-Methylnaphthalene	7/2/2002	88	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	77-47-4	Hexachlorocyclopentadiene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	88-06-2	2,4,6-Trichlorophenol	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	91-58-7	2-Chloronaphthalene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	131-11-3	Dimethyl phthalate	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	208-96-8	Acenaphthylene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	606-20-2	2,6-Dinitrotoluene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	83-32-9	Acenaphthene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	132-64-9	Dibenzofuran	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	121-14-2	2,4-Dinitrotoluene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	Diethyl phthalate	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	86-73-7	Fluorene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	86-30-6	N-Nitrosodiphenylamine	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	118-74-1	Hexachlorobenzene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	208-96-8	Acenaphthylene	7/2/2002	140	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-9	120-12-7	Anthracene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	86-74-8	Carbazole	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	206-44-0	Fluoranthene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	129-00-0	Pyrene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	770	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	56-55-3	Benzo(a)anthracene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	218-01-9	Chrysene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	208-96-8	Acenaphthylene	7/2/2002	60	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	205-99-2	Benzo(b)fluoranthene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	207-08-9	Benzo(k)fluoranthene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	50-32-8	Benzo(a)pyrene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	53-70-3	Dibenz(a,h)anthracene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	191-24-2	Benzo(g,h,i)perylene	7/2/2002	380	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	208-96-8	Acenaphthylene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	Phenanthrene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	206-44-0	Fluoranthene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	129-00-0	Pyrene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	56-55-3	Benzo(a)anthracene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	218-01-9	Chrysene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
TS-02	208-96-8	Acenaphthylene	8/15/2002	98	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-10	67-64-1	Acetone	7/2/2002	12	ug/kg	YES	UJ	6	8	ft	N	SO		SW8260
OBG-TB-02-9	205-99-2	Benzo(b)fluoranthene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	207-08-9	Benzo(k)fluoranthene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	50-32-8	Benzo(a)pyrene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	53-70-3	Dibenz(a,h)anthracene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-9	191-24-2	Benzo(g,h,i)perylene	7/2/2002	390	ug/kg	YES	U	6	8	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	108-95-2	Phenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	95-57-8	2-Chlorophenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	541-73-1	1,3-Dichlorobenzene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	106-46-7	1,4-Dichlorobenzene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	95-50-1	1,2-Dichlorobenzene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	95-48-7	2-Methylphenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	106-44-5	4-Methylphenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	67-72-1	Hexachloroethane	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	98-95-3	Nitrobenzene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	78-59-1	Isophorone	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	88-75-5	2-Nitrophenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	105-67-9	2,4-Dimethylphenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	120-83-2	2,4-Dichlorophenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	91-20-3	Naphthalene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	106-47-8	4-Chloroaniline	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	87-68-3	Hexachlorobutadiene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	59-50-7	4-Chloro-3-methylphenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	91-57-6	2-Methylnaphthalene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	77-47-4	Hexachlorocyclopentadiene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	88-06-2	2,4,6-Trichlorophenol	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	91-58-7	2-Chloronaphthalene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	88-74-4	2-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	131-11-3	Dimethyl phthalate	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	208-96-8	Acenaphthylene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	606-20-2	2,6-Dinitrotoluene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	99-09-2	3-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	83-32-9	Acenaphthene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	51-28-5	2,4-Dinitrophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	100-02-7	4-Nitrophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	132-64-9	Dibenzofuran	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	121-14-2	2,4-Dinitrotoluene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	Diethyl phthalate	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	86-73-7	Fluorene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	100-01-6	4-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	86-30-6	N-Nitrosodiphenylamine	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	118-74-1	Hexachlorobenzene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	87-86-5	Pentachlorophenol	7/2/2002	1800	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	67-64-1	Acetone	7/2/2002	11	ug/kg	YES	UJ	2	4	ft	N	SO		SW8260
OBG-TB-02-10	120-12-7	Anthracene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	86-74-8	Carbazole	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	67-64-1	Acetone	7/2/2002	35	ug/kg	YES	UJ	4	6	ft	N	SO		SW8260
OBG-TB-02-10	67-64-1	Acetone	7/2/2002	29	ug/kg	YES	UJ	8	10	ft	N	SO		SW8260
OBG-TB-02-10	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	720	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	67-64-1	Acetone	7/2/2002	26	ug/kg	YES	UJ	10	12	ft	N	SO		SW8260
OBG-TB-02-11	67-64-1	Acetone	7/2/2002	12	ug/kg	YES	UJ	2	4	ft	N	SO		SW8260
OBG-TB-02-11	67-64-1	Acetone	7/2/2002	12	ug/kg	YES	UJ	4	6	ft	N	SO		SW8260
OBG-TB-02-10	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	67-64-1	Acetone	7/2/2002	30	ug/kg	YES	UJ	6	8	ft	N	SO		SW8260
OBG-TB-02-8	67-64-1	Acetone	7/2/2002	30	ug/kg	YES	UJ	4	6	ft	N	SO		SW8260
OBG-TB-02-9	67-64-1	Acetone	7/2/2002	20	ug/kg	YES	UJ	2	4	ft	N	SO		SW8260
OBG-TB-02-9	67-64-1	Acetone	7/2/2002	42	ug/kg	YES	UJ	4	6	ft	N	SO		SW8260
OBG-TB-02-10	53-70-3	Dibenz(a,h)anthracene	7/2/2002	360	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-9	67-64-1	Acetone	7/2/2002	45	ug/kg	YES	UJ	6	8	ft	N	SO		SW8260
OBG-TB-02-10	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
TS-01	67-64-1	Acetone	8/15/2002	12	ug/kg	YES					N	SO		SW8260
OBG-TB-02-10	95-57-8	2-Chlorophenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	541-73-1	1,3-Dichlorobenzene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	106-46-7	1,4-Dichlorobenzene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	95-50-1	1,2-Dichlorobenzene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	95-48-7	2-Methylphenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	106-44-5	4-Methylphenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	67-72-1	Hexachloroethane	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	98-95-3	Nitrobenzene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	78-59-1	Isophorone	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	88-75-5	2-Nitrophenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	105-67-9	2,4-Dimethylphenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	120-83-2	2,4-Dichlorophenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	91-20-3	Naphthalene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	106-47-8	4-Chloroaniline	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	87-68-3	Hexachlorobutadiene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	59-50-7	4-Chloro-3-methylphenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	91-57-6	2-Methylnaphthalene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	77-47-4	Hexachlorocyclopentadiene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	88-06-2	2,4,6-Trichlorophenol	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	91-58-7	2-Chloronaphthalene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	88-74-4	2-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	131-11-3	Dimethyl phthalate	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	208-96-8	Acenaphthylene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	606-20-2	2,6-Dinitrotoluene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	99-09-2	3-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	83-32-9	Acenaphthene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	51-28-5	2,4-Dinitrophenol	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	100-02-7	4-Nitrophenol	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	132-64-9	Dibenzofuran	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	121-14-2	2,4-Dinitrotoluene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	Diethyl phthalate	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	86-73-7	Fluorene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	100-01-6	4-Nitroaniline	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	86-30-6	N-Nitrosodiphenylamine	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	118-74-1	Hexachlorobenzene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	87-86-5	Pentachlorophenol	7/2/2002	1800	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	Phenanthrene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	120-12-7	Anthracene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	86-74-8	Carbazole	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
TS-02	67-64-1	Acetone	8/15/2002	11	ug/kg	YES					N	SO		SW8260
TS-02	120-12-7	Anthracene	8/15/2002	73	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-10	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	720	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	56-55-3	Benzo(a)anthracene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	218-01-9	Chrysene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	120-12-7	Anthracene	7/2/2002	150	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	71-43-2	Benzene	7/2/2002	1	ug/kg	YES	J	8	10	ft	N	SO		SW8260
OBG-TB-02-10	207-08-9	Benzo(k)fluoranthene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	50-32-8	Benzo(a)pyrene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	53-70-3	Dibenz(a,h)anthracene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	191-24-2	Benzo(g,h,i)perylene	7/2/2002	360	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	208-96-8	Acenaphthylene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	71-43-2	Benzene	7/2/2002	1	ug/kg	YES	J	10	12	ft	N	SO		SW8260
OBG-TB-02-10	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-9	71-43-2	Benzene	7/2/2002	0.6	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-9	71-43-2	Benzene	7/2/2002	1	ug/kg	YES	J	4	6	ft	N	SO		SW8260
OBG-TB-02-10	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	4	6	ft	N	SO		SW8270
TS-01	71-43-2	Benzene	8/15/2002	0.6	ug/kg	YES	J				N	SO		SW8260
OBG-TB-02-10	56-55-3	Benzo(a)anthracene	7/2/2002	110	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-10	56-55-3	Benzo(a)anthracene	7/2/2002	60	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	56-55-3	Benzo(a)anthracene	7/2/2002	580	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	207-08-9	Benzo(k)fluoranthene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	56-55-3	Benzo(a)anthracene	7/2/2002	76	ug/kg	YES	J	10	12	ft	N	SO		SW8270
OBG-TB-02-10	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	53-70-3	Dibenz(a,h)anthracene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	191-24-2	Benzo(g,h,i)perylene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	88-74-4	2-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-11	56-55-3	Benzo(a)anthracene	7/2/2002	170	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	99-09-2	3-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	51-28-5	2,4-Dinitrophenol	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	100-02-7	4-Nitrophenol	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	100-01-6	4-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	87-86-5	Pentachlorophenol	7/2/2002	2000	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-14	56-55-3	Benzo(a)anthracene	7/2/2002	87	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-8	56-55-3	Benzo(a)anthracene	7/2/2002	39	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-9	56-55-3	Benzo(a)anthracene	7/2/2002	100	ug/kg	YES	J	2	4	ft	N	SO		SW8270
TS-01	56-55-3	Benzo(a)anthracene	8/15/2002	120	ug/kg	YES	J				N	SO		SW8270
TS-02	56-55-3	Benzo(a)anthracene	8/15/2002	360	ug/kg	YES					N	SO		SW8270
OBG-TB-02-10	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	8	10	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	50-32-8	Benzo(a)pyrene	7/2/2002	110	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-10	50-32-8	Benzo(a)pyrene	7/2/2002	66	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	50-32-8	Benzo(a)pyrene	7/2/2002	620	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	8	10	ft	N	SO		SW8270
OBG-TB-02-10	50-32-8	Benzo(a)pyrene	7/2/2002	82	ug/kg	YES	J	10	12	ft	N	SO		SW8270
OBG-TB-02-11	50-32-8	Benzo(a)pyrene	7/2/2002	190	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-14	50-32-8	Benzo(a)pyrene	7/2/2002	85	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-9	50-32-8	Benzo(a)pyrene	7/2/2002	120	ug/kg	YES	J	2	4	ft	N	SO		SW8270
TS-01	50-32-8	Benzo(a)pyrene	8/15/2002	140	ug/kg	YES	J				N	SO		SW8270
TS-02	50-32-8	Benzo(a)pyrene	8/15/2002	430	ug/kg	YES					N	SO		SW8270
OBG-TB-02-10	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	108-95-2	Phenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	95-57-8	2-Chlorophenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	541-73-1	1,3-Dichlorobenzene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	106-46-7	1,4-Dichlorobenzene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	95-50-1	1,2-Dichlorobenzene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	95-48-7	2-Methylphenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	106-44-5	4-Methylphenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	67-72-1	Hexachloroethane	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	98-95-3	Nitrobenzene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	78-59-1	Isophorone	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	88-75-5	2-Nitrophenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	105-67-9	2,4-Dimethylphenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	120-83-2	2,4-Dichlorophenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	91-20-3	Naphthalene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	106-47-8	4-Chloroaniline	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	87-68-3	Hexachlorobutadiene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	59-50-7	4-Chloro-3-methylphenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	91-57-6	2-Methylnaphthalene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	77-47-4	Hexachlorocyclopentadiene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	88-06-2	2,4,6-Trichlorophenol	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	91-58-7	2-Chloronaphthalene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	88-74-4	2-Nitroaniline	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	131-11-3	Dimethyl phthalate	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	208-96-8	Acenaphthylene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	606-20-2	2,6-Dinitrotoluene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	99-09-2	3-Nitroaniline	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	83-32-9	Acenaphthene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	51-28-5	2,4-Dinitrophenol	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	100-02-7	4-Nitrophenol	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	132-64-9	Dibenzofuran	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	121-14-2	2,4-Dinitrotoluene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	84-66-2	Diethyl phthalate	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	86-73-7	Fluorene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	100-01-6	4-Nitroaniline	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	86-30-6	N-Nitrosodiphenylamine	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	118-74-1	Hexachlorobenzene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	87-86-5	Pentachlorophenol	7/2/2002	2200	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	85-01-8	Phenanthrene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	120-12-7	Anthracene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	86-74-8	Carbazole	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	205-99-2	Benzo(b)fluoranthene	7/2/2002	160	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-10	205-99-2	Benzo(b)fluoranthene	7/2/2002	47	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	870	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	205-99-2	Benzo(b)fluoranthene	7/2/2002	100	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	205-99-2	Benzo(b)fluoranthene	7/2/2002	790	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	205-99-2	Benzo(b)fluoranthene	7/2/2002	110	ug/kg	YES	J	10	12	ft	N	SO		SW8270
OBG-TB-02-10	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-11	205-99-2	Benzo(b)fluoranthene	7/2/2002	43	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-11	205-99-2	Benzo(b)fluoranthene	7/2/2002	240	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-14	205-99-2	Benzo(b)fluoranthene	7/2/2002	130	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	53-70-3	Dibenz(a,h)anthracene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-10	191-24-2	Benzo(g,h,i)perylene	7/2/2002	430	ug/kg	YES	U	10	12	ft	N	SO		SW8270
OBG-TB-02-11	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	208-96-8	Acenaphthylene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	Phenanthrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	206-44-0	Fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	129-00-0	Pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	56-55-3	Benzo(a)anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	218-01-9	Chrysene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	205-99-2	Benzo(b)fluoranthene	7/2/2002	41	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-11	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	205-99-2	Benzo(b)fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	207-08-9	Benzo(k)fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	50-32-8	Benzo(a)pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	53-70-3	Dibenz(a,h)anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	191-24-2	Benzo(g,h,i)perylene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-11	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	208-96-8	Acenaphthylene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	Phenanthrene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-8	205-99-2	Benzo(b)fluoranthene	7/2/2002	54	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	205-99-2	Benzo(b)fluoranthene	7/2/2002	180	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-11	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	56-55-3	Benzo(a)anthracene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	218-01-9	Chrysene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
TS-01	205-99-2	Benzo(b)fluoranthene	8/15/2002	200	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-11	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
TS-02	205-99-2	Benzo(b)fluoranthene	8/15/2002	630	ug/kg	YES					N	SO		SW8270
OBG-TB-02-11	207-08-9	Benzo(k)fluoranthene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	50-32-8	Benzo(a)pyrene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	53-70-3	Dibenz(a,h)anthracene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	191-24-2	Benzo(g,h,i)perylene	7/2/2002	390	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	191-24-2	Benzo(g,h,i)perylene	7/2/2002	63	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-11	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	191-24-2	Benzo(g,h,i)perylene	7/2/2002	210	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-11	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	191-24-2	Benzo(g,h,i)perylene	7/2/2002	120	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	191-24-2	Benzo(g,h,i)perylene	7/2/2002	60	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-11	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-11	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	4	6	ft	N	SO		SW8270
TS-01	191-24-2	Benzo(g,h,i)perylene	8/15/2002	79	ug/kg	YES	J				N	SO		SW8270
TS-02	191-24-2	Benzo(g,h,i)perylene	8/15/2002	200	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-10	207-08-9	Benzo(k)fluoranthene	7/2/2002	53	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-11	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	4	6	ft	N	SO		SW8270
OBG-TB-02-10	207-08-9	Benzo(k)fluoranthene	7/2/2002	320	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	207-08-9	Benzo(k)fluoranthene	7/2/2002	44	ug/kg	YES	J	10	12	ft	N	SO		SW8270
OBG-TB-02-11	207-08-9	Benzo(k)fluoranthene	7/2/2002	86	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-14	207-08-9	Benzo(k)fluoranthene	7/2/2002	44	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-9	207-08-9	Benzo(k)fluoranthene	7/2/2002	75	ug/kg	YES	J	2	4	ft	N	SO		SW8270
TS-01	207-08-9	Benzo(k)fluoranthene	8/15/2002	69	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-11	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	108-95-2	Phenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	95-57-8	2-Chlorophenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	541-73-1	1,3-Dichlorobenzene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	106-46-7	1,4-Dichlorobenzene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	95-50-1	1,2-Dichlorobenzene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	95-48-7	2-Methylphenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	106-44-5	4-Methylphenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	67-72-1	Hexachloroethane	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	98-95-3	Nitrobenzene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	78-59-1	Isophorone	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	88-75-5	2-Nitrophenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	105-67-9	2,4-Dimethylphenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	120-83-2	2,4-Dichlorophenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	91-20-3	Naphthalene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	106-47-8	4-Chloroaniline	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	87-68-3	Hexachlorobutadiene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	59-50-7	4-Chloro-3-methylphenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	91-57-6	2-Methylnaphthalene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	77-47-4	Hexachlorocyclopentadiene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	88-06-2	2,4,6-Trichlorophenol	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	91-58-7	2-Chloronaphthalene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	88-74-4	2-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	131-11-3	Dimethyl phthalate	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	208-96-8	Acenaphthylene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	606-20-2	2,6-Dinitrotoluene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	99-09-2	3-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	83-32-9	Acenaphthene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	51-28-5	2,4-Dinitrophenol	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	100-02-7	4-Nitrophenol	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	132-64-9	Dibenzofuran	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	121-14-2	2,4-Dinitrotoluene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	84-66-2	Diethyl phthalate	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	86-73-7	Fluorene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	100-01-6	4-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	86-30-6	N-Nitrosodiphenylamine	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	118-74-1	Hexachlorobenzene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	87-86-5	Pentachlorophenol	7/2/2002	2000	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	85-01-8	Phenanthrene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	120-12-7	Anthracene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	86-74-8	Carbazole	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	206-44-0	Fluoranthene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	129-00-0	Pyrene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	810	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	56-55-3	Benzo(a)anthracene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	218-01-9	Chrysene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
TS-02	207-08-9	Benzo(k)fluoranthene	8/15/2002	170	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-11	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	205-99-2	Benzo(b)fluoranthene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	207-08-9	Benzo(k)fluoranthene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	50-32-8	Benzo(a)pyrene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	53-70-3	Dibenz(a,h)anthracene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-11	191-24-2	Benzo(g,h,i)perylene	7/2/2002	410	ug/kg	YES	U	6	8	ft	N	SO		SW8270
OBG-TB-02-14	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	95-95-4	2,4,5-Trichlorophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	88-74-4	2-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	208-96-8	Acenaphthylene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	99-09-2	3-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	51-28-5	2,4-Dinitrophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	100-02-7	4-Nitrophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	100-01-6	4-Nitroaniline	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	87-86-5	Pentachlorophenol	7/2/2002	1900	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	85-01-8	Phenanthrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	206-44-0	Fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	129-00-0	Pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	56-55-3	Benzo(a)anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	218-01-9	Chrysene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-10	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	360	ug/kg	YES	UJ	0	2	ft	N	SO		SW8270
OBG-TB-02-14	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	205-99-2	Benzo(b)fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	207-08-9	Benzo(k)fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	50-32-8	Benzo(a)pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	53-70-3	Dibenz(a,h)anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	191-24-2	Benzo(g,h,i)perylene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	108-95-2	Phenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	95-57-8	2-Chlorophenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	541-73-1	1,3-Dichlorobenzene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	106-46-7	1,4-Dichlorobenzene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	95-50-1	1,2-Dichlorobenzene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	95-48-7	2-Methylphenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	106-44-5	4-Methylphenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	67-72-1	Hexachloroethane	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	98-95-3	Nitrobenzene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	78-59-1	Isophorone	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	88-75-5	2-Nitrophenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	105-67-9	2,4-Dimethylphenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-14	120-83-2	2,4-Dichlorophenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	91-20-3	Naphthalene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	106-47-8	4-Chloroaniline	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	87-68-3	Hexachlorobutadiene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	59-50-7	4-Chloro-3-methylphenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	91-57-6	2-Methylnaphthalene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	77-47-4	Hexachlorocyclopentadiene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	88-06-2	2,4,6-Trichlorophenol	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	91-58-7	2-Chloronaphthalene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	88-74-4	2-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	131-11-3	Dimethyl phthalate	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	208-96-8	Acenaphthylene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	606-20-2	2,6-Dinitrotoluene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	99-09-2	3-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	83-32-9	Acenaphthene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	51-28-5	2,4-Dinitrophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	100-02-7	4-Nitrophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	132-64-9	Dibenzofuran	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	121-14-2	2,4-Dinitrotoluene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	84-66-2	Diethyl phthalate	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	86-73-7	Fluorene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	100-01-6	4-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	86-30-6	N-Nitrosodiphenylamine	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	118-74-1	Hexachlorobenzene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	87-86-5	Pentachlorophenol	7/2/2002	2000	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	360	ug/kg	YES	UJ	2	4	ft	N	SO		SW8270
OBG-TB-02-14	120-12-7	Anthracene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	86-74-8	Carbazole	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	4	6	ft	N	SO		SW8270
OBG-TB-02-10	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	2400	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-14	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	810	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-10	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	1100	ug/kg	YES	UJ	10	12	ft	N	SO		SW8270
OBG-TB-02-11	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	0	2	ft	N	SO		SW8270
OBG-TB-02-14	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-11	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	2	4	ft	N	SO		SW8270
OBG-TB-02-11	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	4	6	ft	N	SO		SW8270
OBG-TB-02-11	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	410	ug/kg	YES	UJ	6	8	ft	N	SO		SW8270
OBG-TB-02-14	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	53-70-3	Dibenz(a,h)anthracene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-14	191-24-2	Benzo(g,h,i)perylene	7/2/2002	410	ug/kg	YES	U	2	4	ft	N	SO		SW8270
OBG-TB-02-15	111-44-4	bis(2-Chloroethyl)ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	108-95-2	Phenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	95-57-8	2-Chlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	541-73-1	1,3-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	106-46-7	1,4-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	95-50-1	1,2-Dichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	95-48-7	2-Methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	106-44-5	4-Methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	85-01-8	N-Nitroso-di-n-propylamine	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	67-72-1	Hexachloroethane	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	98-95-3	Nitrobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	78-59-1	Isophorone	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	88-75-5	2-Nitrophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	105-67-9	2,4-Dimethylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	111-91-1	bis(2-Chloroethoxy)methane	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	120-83-2	2,4-Dichlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	120-82-1	1,2,4-Trichlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	91-20-3	Naphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	106-47-8	4-Chloroaniline	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	87-68-3	Hexachlorobutadiene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	59-50-7	4-Chloro-3-methylphenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	91-57-6	2-Methylnaphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	77-47-4	Hexachlorocyclopentadiene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	88-06-2	2,4,6-Trichlorophenol	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	95-95-4	2,4,5-Trichlorophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	91-58-7	2-Chloronaphthalene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	88-74-4	2-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	131-11-3	Dimethyl phthalate	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	208-96-8	Acenaphthylene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	606-20-2	2,6-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	99-09-2	3-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	83-32-9	Acenaphthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	51-28-5	2,4-Dinitrophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-15	100-02-7	4-Nitrophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	132-64-9	Dibenzofuran	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	121-14-2	2,4-Dinitrotoluene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	84-66-2	Diethyl phthalate	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	86-73-7	Fluorene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	7005-72-3	4-Chlorophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	100-01-6	4-Nitroaniline	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	534-52-1	4,6-Dinitro-2-methylphenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	86-30-6	N-Nitrosodiphenylamine	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	101-55-3	4-Bromophenyl phenyl ether	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	118-74-1	Hexachlorobenzene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	87-86-5	Pentachlorophenol	7/2/2002	2000	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	85-01-8	Phenanthrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	120-12-7	Anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	86-74-8	Carbazole	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	84-74-2	Di-n-butylphthalate (DBP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	206-44-0	Fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	129-00-0	Pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	91-94-1	3,3'-Dichlorobenzidine	7/2/2002	780	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	56-55-3	Benzo(a)anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	218-01-9	Chrysene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-14	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	0	2	ft	N	SO		SW8270
OBG-TB-02-15	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	205-99-2	Benzo(b)fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	207-08-9	Benzo(k)fluoranthene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	50-32-8	Benzo(a)pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	53-70-3	Dibenz(a,h)anthracene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-15	191-24-2	Benzo(g,h,i)perylene	7/2/2002	390	ug/kg	YES	U	0	2	ft	N	SO		SW8270
OBG-TB-02-8	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	67-64-1	Acetone	7/2/2002	12	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-09-2	Methylene chloride	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	12	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-15	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	0	2	ft	N	SO		SW8270
OBG-TB-02-8	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	380	ug/kg	YES	UJ	4	6	ft	N	SO		SW8270
OBG-TB-02-8	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-09-2	Methylene chloride	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	350	ug/kg	YES	UJ	0	2	ft	N	SO		SW8270
OBG-TB-02-8	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-8	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-8	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	370	ug/kg	YES	UJ	2	4	ft	N	SO		SW8270
OBG-TB-02-9	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	380	ug/kg	YES	UJ	4	6	ft	N	SO		SW8270
OBG-TB-02-9	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	7/2/2002	390	ug/kg	YES	UJ	6	8	ft	N	SO		SW8270
TS-02	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	8/15/2002	50	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-9	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	85-68-7	Butyl benzylphthalate (BBP)	7/2/2002	8300	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-9	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-15-0	Carbon disulfide	7/2/2002	0.6	ug/kg	YES	J	6	8	ft	N	SO		SW8260
OBG-TB-02-9	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-15-0	Carbon disulfide	7/2/2002	5	ug/kg	YES	J	8	10	ft	N	SO		SW8260
OBG-TB-02-9	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-15-0	Carbon disulfide	7/2/2002	5	ug/kg	YES	J	10	12	ft	N	SO		SW8260
OBG-TB-02-9	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	218-01-9	Chrysene	7/2/2002	110	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-9	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	218-01-9	Chrysene	7/2/2002	67	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	218-01-9	Chrysene	7/2/2002	530	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-9	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	218-01-9	Chrysene	7/2/2002	74	ug/kg	YES	J	10	12	ft	N	SO		SW8270
OBG-TB-02-9	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	218-01-9	Chrysene	7/2/2002	140	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-9	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-9	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-14	218-01-9	Chrysene	7/2/2002	100	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-9	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-8	218-01-9	Chrysene	7/2/2002	43	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	218-01-9	Chrysene	7/2/2002	130	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-9	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-10	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	5	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-01-4	Vinyl chloride	7/2/2002	5	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	5	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-00-3	Chloroethane	7/2/2002	5	ug/kg	YES	U	2	4	ft	N	SO		SW8260
TS-01	218-01-9	Chrysene	8/15/2002	150	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-10	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
TS-02	218-01-9	Chrysene	8/15/2002	370	ug/kg	YES					N	SO		SW8270
OBG-TB-02-10	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	11	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-9	156-59-2	cis-1,2-Dichloroethene	7/2/2002	1	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	5	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	591-78-6	2-Hexanone	7/2/2002	5	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-10	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
TS-01	156-59-2	cis-1,2-Dichloroethene	8/15/2002	0.7	ug/kg	YES	J				N	SO		SW8260
OBG-TB-02-10	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	53-70-3	Dibenz(a,h)anthracene	7/2/2002	75	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	53-70-3	Dibenz(a,h)anthracene	7/2/2002	42	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	8	10	ft	N	SO		SW8260
TS-02	53-70-3	Dibenz(a,h)anthracene	8/15/2002	58	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-10	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-9	117-84-0	Di-n-octyl phthalate (DnOP)	7/2/2002	46	ug/kg	YES	J	6	8	ft	N	SO		SW8270
OBG-TB-02-10	206-44-0	Fluoranthene	7/2/2002	190	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-10	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	206-44-0	Fluoranthene	7/2/2002	53	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	206-44-0	Fluoranthene	7/2/2002	95	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	206-44-0	Fluoranthene	7/2/2002	990	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	206-44-0	Fluoranthene	7/2/2002	120	ug/kg	YES	J	10	12	ft	N	SO		SW8270
OBG-TB-02-10	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	8	10	ft	N	SO		SW8260
OBG-TB-02-10	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-11	206-44-0	Fluoranthene	7/2/2002	50	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-11	206-44-0	Fluoranthene	7/2/2002	200	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-14	206-44-0	Fluoranthene	7/2/2002	160	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-8	206-44-0	Fluoranthene	7/2/2002	47	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-8	206-44-0	Fluoranthene	7/2/2002	62	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-10	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-9	206-44-0	Fluoranthene	7/2/2002	45	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-10	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-9	206-44-0	Fluoranthene	7/2/2002	260	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-10	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-10	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	10	12	ft	N	SO		SW8260
OBG-TB-02-11	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
TS-01	206-44-0	Fluoranthene	8/15/2002	250	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-11	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
TS-02	206-44-0	Fluoranthene	8/15/2002	630	ug/kg	YES					N	SO		SW8270
OBG-TB-02-11	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	12	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-11	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	66	ug/kg	YES	J	0	2	ft	N	SO		SW8270
OBG-TB-02-11	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-10	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	220	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-11	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	12	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	4	6	ft	N	SO		SW8260
OBG-TB-02-11	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	120	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-11	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	75-09-2	Methylene chloride	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-9	193-39-5	Indeno(1,2,3-cd)pyrene	7/2/2002	61	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-11	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-11	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	6	8	ft	N	SO		SW8260
OBG-TB-02-14	74-87-3	Chloromethane (Methyl Chloride)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	75-01-4	Vinyl chloride	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	74-83-9	Bromomethane (Methyl Bromide)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	75-00-3	Chloroethane	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	67-64-1	Acetone	7/2/2002	12	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	75-35-4	1,1-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
TS-01	193-39-5	Indeno(1,2,3-cd)pyrene	8/15/2002	92	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-14	75-15-0	Carbon disulfide	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	156-60-5	trans-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	75-34-3	1,1-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7/2/2002	12	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	156-59-2	cis-1,2-Dichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	67-66-3	Chloroform (Trichloromethane)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	107-06-2	1,2-Dichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	71-55-6	1,1,1-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	56-23-5	Carbon tetrachloride	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	71-43-2	Benzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	78-87-5	1,2-Dichloropropane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	79-01-6	Trichloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	75-27-4	Bromodichloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	10061-01-5	cis-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	10061-02-6	trans-1,3-Dichloropropene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	79-00-5	1,1,2-Trichloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	124-48-1	Dibromochloromethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	591-78-6	2-Hexanone	7/2/2002	6	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	127-18-4	Tetrachloroethene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	108-90-7	Chlorobenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	100-41-4	Ethylbenzene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	75-25-2	Bromoform	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	1330-20-7	Xylene (total)	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	100-42-5	Styrene	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-14	79-34-5	1,1,2,2-Tetrachloroethane	7/2/2002	3	ug/kg	YES	U	2	4	ft	N	SO		SW8260
OBG-TB-02-8	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.6	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-8	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.6	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-8	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.6	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-8	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.6	mg/kg	YES	U	0	2	ft	N	SO		SW8082
TS-02	193-39-5	Indeno(1,2,3-cd)pyrene	8/15/2002	250	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-8	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.6	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-8	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.6	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-8	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.6	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-8	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-8	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-8	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-8	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-8	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-8	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-8	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.53	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-9	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.53	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-9	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.53	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-9	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.53	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	75-09-2	Methylene chloride	7/2/2002	1	ug/kg	YES	J	6	8	ft	N	SO		SW8260
OBG-TB-02-9	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.53	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-9	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.53	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-9	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.56	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-9	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.56	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-9	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.56	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-9	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.56	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	75-09-2	Methylene chloride	7/2/2002	1	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-9	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.56	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-9	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.56	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-9	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.57	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-9	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-9	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-9	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-9	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-9	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-9	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-9	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.58	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-10	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.54	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.54	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.54	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.54	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	75-09-2	Methylene chloride	7/2/2002	1	ug/kg	YES	J	4	6	ft	N	SO		SW8260
OBG-TB-02-10	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.54	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.54	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-10	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.54	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.54	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.54	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.54	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	75-09-2	Methylene chloride	7/2/2002	2	ug/kg	YES	J	8	10	ft	N	SO		SW8260
OBG-TB-02-10	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.54	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.54	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-10	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-10	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.59	mg/kg	YES	U	8	10	ft	N	SO		SW8082
OBG-TB-02-10	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.59	mg/kg	YES	U	8	10	ft	N	SO		SW8082
OBG-TB-02-10	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.59	mg/kg	YES	U	8	10	ft	N	SO		SW8082
OBG-TB-02-10	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.59	mg/kg	YES	U	8	10	ft	N	SO		SW8082
OBG-TB-02-10	75-09-2	Methylene chloride	7/2/2002	2	ug/kg	YES	J	10	12	ft	N	SO		SW8260
OBG-TB-02-10	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.59	mg/kg	YES	U	8	10	ft	N	SO		SW8082
OBG-TB-02-10	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.59	mg/kg	YES	U	8	10	ft	N	SO		SW8082
OBG-TB-02-10	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-10	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-10	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-10	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-10	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-10	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-10	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.65	mg/kg	YES	U	10	12	ft	N	SO		SW8082
OBG-TB-02-11	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-11	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.58	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-11	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-11	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-11	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-11	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
OBG-TB-02-11	75-09-2	Methylene chloride	7/2/2002	1	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-11	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-11	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.58	mg/kg	YES	U	4	6	ft	N	SO		SW8082
OBG-TB-02-11	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-11	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-11	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-11	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-11	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-11	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-11	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.61	mg/kg	YES	U	6	8	ft	N	SO		SW8082
OBG-TB-02-14	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.58	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-14	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-14	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-14	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-14	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-14	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-14	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-14	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.61	mg/kg	YES	U	2	4	ft	N	SO		SW8082
OBG-TB-02-15	12674-11-2	Aroclor-1016 (PCB-1016)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-15	11104-28-2	Aroclor-1221 (PCB-1221)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-15	11141-16-5	Aroclor-1232 (PCB-1232)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-15	53469-21-9	Aroclor-1242 (PCB-1242)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-15	12672-29-6	Aroclor-1248 (PCB-1248)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-15	11097-69-1	Aroclor-1254 (PCB-1254)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
OBG-TB-02-15	11096-82-5	Aroclor-1260 (PCB-1260)	7/2/2002	0.59	mg/kg	YES	U	0	2	ft	N	SO		SW8082
TS-01	74-87-3	Chloromethane (Methyl Chloride)	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-01	75-01-4	Vinyl chloride	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-01	74-83-9	Bromomethane (Methyl Bromide)	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-01	75-00-3	Chloroethane	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-11	75-09-2	Methylene chloride	7/2/2002	0.9	ug/kg	YES	J	4	6	ft	N	SO		SW8260
TS-01	75-35-4	1,1-Dichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-14	75-09-2	Methylene chloride	7/2/2002	1	ug/kg	YES	J	2	4	ft	N	SO		SW8260
TS-01	75-15-0	Carbon disulfide	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	156-60-5	trans-1,2-Dichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	75-34-3	1,1-Dichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-9	75-09-2	Methylene chloride	7/2/2002	6	ug/kg	YES	UJ	2	4	ft	N	SO		SW8260
OBG-TB-02-9	75-09-2	Methylene chloride	7/2/2002	6	ug/kg	YES	UJ	4	6	ft	N	SO		SW8260
TS-01	67-66-3	Chloroform (Trichloromethane)	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	107-06-2	1,2-Dichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	71-55-6	1,1,1-Trichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	56-23-5	Carbon tetrachloride	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-9	75-09-2	Methylene chloride	7/2/2002	6	ug/kg	YES	UJ	6	8	ft	N	SO		SW8260
TS-01	78-87-5	1,2-Dichloropropane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	79-01-6	Trichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	75-27-4	Bromodichloromethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	10061-01-5	cis-1,3-Dichloropropene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	108-10-1	4-Methyl-2-pentanone	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-01	10061-02-6	trans-1,3-Dichloropropene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	79-00-5	1,1,2-Trichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	75-09-2	Methylene chloride	8/15/2002	1	ug/kg	YES	J				N	SO		SW8260
TS-01	124-48-1	Dibromochloromethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	591-78-6	2-Hexanone	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-02	75-09-2	Methylene chloride	8/15/2002	1	ug/kg	YES	J				N	SO		SW8260
TS-01	108-90-7	Chlorobenzene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	100-41-4	Ethylbenzene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	75-25-2	Bromoform	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	1330-20-7	Xylene (total)	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	100-42-5	Styrene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-01	79-34-5	1,1,2,2-Tetrachloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	74-87-3	Chloromethane (Methyl Chloride)	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-02	75-01-4	Vinyl chloride	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-02	74-83-9	Bromomethane (Methyl Bromide)	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-02	75-00-3	Chloroethane	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-9	91-20-3	Naphthalene	7/2/2002	70	ug/kg	YES	J	4	6	ft	N	SO		SW8270
TS-02	75-35-4	1,1-Dichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-10	85-01-8	Phenanthrene	7/2/2002	74	ug/kg	YES	J	0	2	ft	N	SO		SW8270
TS-02	75-15-0	Carbon disulfide	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	156-60-5	trans-1,2-Dichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	75-34-3	1,1-Dichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-10	85-01-8	Phenanthrene	7/2/2002	46	ug/kg	YES	J	4	6	ft	N	SO		SW8270
TS-02	156-59-2	cis-1,2-Dichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	67-66-3	Chloroform (Trichloromethane)	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	107-06-2	1,2-Dichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	71-55-6	1,1,1-Trichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	56-23-5	Carbon tetrachloride	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	71-43-2	Benzene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
TS-02	78-87-5	1,2-Dichloropropane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	79-01-6	Trichloroethene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	75-27-4	Bromodichloromethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	10061-01-5	cis-1,3-Dichloropropene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	108-10-1	4-Methyl-2-pentanone	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
TS-02	10061-02-6	trans-1,3-Dichloropropene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	79-00-5	1,1,2-Trichloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	108-88-3	Toluene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	124-48-1	Dibromochloromethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	591-78-6	2-Hexanone	8/15/2002	5	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-10	85-01-8	Phenanthrene	7/2/2002	260	ug/kg	YES	J	8	10	ft	N	SO		SW8270
TS-02	108-90-7	Chlorobenzene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	100-41-4	Ethylbenzene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	75-25-2	Bromoform	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	1330-20-7	Xylene (total)	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	100-42-5	Styrene	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
TS-02	79-34-5	1,1,2,2-Tetrachloroethane	8/15/2002	3	ug/kg	YES	U				N	SO		SW8260
OBG-TB-02-11	85-01-8	Phenanthrene	7/2/2002	57	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-14	85-01-8	Phenanthrene	7/2/2002	97	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-8	85-01-8	Phenanthrene	7/2/2002	41	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	Phenanthrene	7/2/2002	140	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-9	85-01-8	Phenanthrene	7/2/2002	41	ug/kg	YES	J	4	6	ft	N	SO		SW8270
TS-01	85-01-8	Phenanthrene	8/15/2002	110	ug/kg	YES	J				N	SO		SW8270
TS-02	85-01-8	Phenanthrene	8/15/2002	300	ug/kg	YES	J				N	SO		SW8270
OBG-TB-02-10	108-95-2	Phenol	7/2/2002	560	ug/kg	YES		2	4	ft	N	SO		SW8270
TS-01	111-44-4	bis(2-Chloroethyl)ether	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	108-95-2	Phenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	95-57-8	2-Chlorophenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	541-73-1	1,3-Dichlorobenzene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	106-46-7	1,4-Dichlorobenzene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	95-50-1	1,2-Dichlorobenzene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	95-48-7	2-Methylphenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	52438-91-2	2,2'-oxybis(1-Chloropropane)	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	106-44-5	4-Methylphenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	621-64-7	N-Nitroso-di-n-propylamine	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	67-72-1	Hexachloroethane	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	98-95-3	Nitrobenzene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	78-59-1	Isophorone	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	88-75-5	2-Nitrophenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	105-67-9	2,4-Dimethylphenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	111-91-1	bis(2-Chloroethoxy)methane	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	120-83-2	2,4-Dichlorophenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	120-82-1	1,2,4-Trichlorobenzene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	91-20-3	Naphthalene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	106-47-8	4-Chloroaniline	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	87-68-3	Hexachlorobutadiene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	59-50-7	4-Chloro-3-methylphenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	91-57-6	2-Methylnaphthalene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	77-47-4	Hexachlorocyclopentadiene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	88-06-2	2,4,6-Trichlorophenol	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	95-95-4	2,4,5-Trichlorophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	91-58-7	2-Chloronaphthalene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	88-74-4	2-Nitroaniline	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	131-11-3	Dimethyl phthalate	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	208-96-8	Acenaphthylene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	606-20-2	2,6-Dinitrotoluene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	99-09-2	3-Nitroaniline	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	83-32-9	Acenaphthene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	51-28-5	2,4-Dinitrophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	100-02-7	4-Nitrophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	132-64-9	Dibenzofuran	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	121-14-2	2,4-Dinitrotoluene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	84-66-2	Diethyl phthalate	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	86-73-7	Fluorene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	7005-72-3	4-Chlorophenyl phenyl ether	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	100-01-6	4-Nitroaniline	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	534-52-1	4,6-Dinitro-2-methylphenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-01	86-30-6	N-Nitrosodiphenylamine	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	101-55-3	4-Bromophenyl phenyl ether	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	118-74-1	Hexachlorobenzene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	87-86-5	Pentachlorophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-10	129-00-0	Pyrene	7/2/2002	160	ug/kg	YES	J	0	2	ft	N	SO		SW8270
TS-01	120-12-7	Anthracene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	86-74-8	Carbazole	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	84-74-2	Di-n-butylphthalate (DBP)	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-10	129-00-0	Pyrene	7/2/2002	49	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-10	129-00-0	Pyrene	7/2/2002	84	ug/kg	YES	J	4	6	ft	N	SO		SW8270
TS-01	85-68-7	Butyl benzylphthalate (BBP)	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
TS-01	91-94-1	3,3'-Dichlorobenzidine	8/15/2002	690	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-10	129-00-0	Pyrene	7/2/2002	820	ug/kg	YES	J	8	10	ft	N	SO		SW8270
OBG-TB-02-10	129-00-0	Pyrene	7/2/2002	100	ug/kg	YES	J	10	12	ft	N	SO		SW8270
TS-01	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
TS-01	117-84-0	Di-n-octyl phthalate (DnOP)	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-11	129-00-0	Pyrene	7/2/2002	42	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-11	129-00-0	Pyrene	7/2/2002	170	ug/kg	YES	J	4	6	ft	N	SO		SW8270
OBG-TB-02-14	129-00-0	Pyrene	7/2/2002	140	ug/kg	YES	J	2	4	ft	N	SO		SW8270
OBG-TB-02-8	129-00-0	Pyrene	7/2/2002	41	ug/kg	YES	J	2	4	ft	N	SO		SW8270
TS-01	53-70-3	Dibenz(a,h)anthracene	8/15/2002	340	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-8	129-00-0	Pyrene	7/2/2002	53	ug/kg	YES	J	4	6	ft	N	SO		SW8270
TS-02	111-44-4	bis(2-Chloroethyl)ether	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	108-95-2	Phenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	95-57-8	2-Chlorophenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	541-73-1	1,3-Dichlorobenzene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	106-46-7	1,4-Dichlorobenzene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	95-50-1	1,2-Dichlorobenzene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	95-48-7	2-Methylphenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	52438-91-2	2,2'-oxybis(1-Chloropropane)	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	106-44-5	4-Methylphenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	621-64-7	N-Nitroso-di-n-propylamine	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	67-72-1	Hexachloroethane	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	98-95-3	Nitrobenzene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	78-59-1	Isophorone	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	88-75-5	2-Nitrophenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	105-67-9	2,4-Dimethylphenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	111-91-1	bis(2-Chloroethoxy)methane	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	120-83-2	2,4-Dichlorophenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	120-82-1	1,2,4-Trichlorobenzene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	91-20-3	Naphthalene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	106-47-8	4-Chloroaniline	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	87-68-3	Hexachlorobutadiene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	59-50-7	4-Chloro-3-methylphenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	91-57-6	2-Methylnaphthalene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	77-47-4	Hexachlorocyclopentadiene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	88-06-2	2,4,6-Trichlorophenol	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	95-95-4	2,4,5-Trichlorophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	91-58-7	2-Chloronaphthalene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	88-74-4	2-Nitroaniline	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	131-11-3	Dimethyl phthalate	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-9	129-00-0	Pyrene	7/2/2002	38	ug/kg	YES	J	0	2	ft	N	SO		SW8270
TS-02	606-20-2	2,6-Dinitrotoluene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	99-09-2	3-Nitroaniline	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	83-32-9	Acenaphthene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	51-28-5	2,4-Dinitrophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	100-02-7	4-Nitrophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	132-64-9	Dibenzofuran	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	121-14-2	2,4-Dinitrotoluene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	84-66-2	Diethyl phthalate	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	86-73-7	Fluorene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	7005-72-3	4-Chlorophenyl phenyl ether	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	100-01-6	4-Nitroaniline	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	534-52-1	4,6-Dinitro-2-methylphenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
TS-02	86-30-6	N-Nitrosodiphenylamine	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	101-55-3	4-Bromophenyl phenyl ether	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	118-74-1	Hexachlorobenzene	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	87-86-5	Pentachlorophenol	8/15/2002	1700	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-9	129-00-0	Pyrene	7/2/2002	220	ug/kg	YES	J	2	4	ft	N	SO		SW8270
TS-01	129-00-0	Pyrene	8/15/2002	220	ug/kg	YES	J				N	SO		SW8270
TS-02	86-74-8	Carbazole	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	84-74-2	Di-n-butylphthalate (DBP)	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	129-00-0	Pyrene	8/15/2002	600	ug/kg	YES					N	SO		SW8270
TS-01	127-18-4	Tetrachloroethene	8/15/2002	7	ug/kg	YES					N	SO		SW8260
TS-02	85-68-7	Butyl benzylphthalate (BBP)	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
TS-02	91-94-1	3,3'-Dichlorobenzidine	8/15/2002	690	ug/kg	YES	U				N	SO		SW8270
TS-02	127-18-4	Tetrachloroethene	8/15/2002	4	ug/kg	YES					N	SO		SW8260
OBG-TB-02-10	108-88-3	Toluene	7/2/2002	2	ug/kg	YES	J	8	10	ft	N	SO		SW8260
OBG-TB-02-10	108-88-3	Toluene	7/2/2002	2	ug/kg	YES	J	10	12	ft	N	SO		SW8260
TS-02	117-84-0	Di-n-octyl phthalate (DnOP)	8/15/2002	350	ug/kg	YES	U				N	SO		SW8270
OBG-TB-02-9	108-88-3	Toluene	7/2/2002	3	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-9	108-88-3	Toluene	7/2/2002	2	ug/kg	YES	J	4	6	ft	N	SO		SW8260
TS-01	108-88-3	Toluene	8/15/2002	0.6	ug/kg	YES	J				N	SO		SW8260
OBG-TB-02-10	79-01-6	Trichloroethene	7/2/2002	0.8	ug/kg	YES	J	6	8	ft	N	SO		SW8260
OBG-TB-02-10	79-01-6	Trichloroethene	7/2/2002	2	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-10	79-01-6	Trichloroethene	7/2/2002	1	ug/kg	YES	J	8	10	ft	N	SO		SW8260
OBG-TB-02-10	79-01-6	Trichloroethene	7/2/2002	1	ug/kg	YES	J	10	12	ft	N	SO		SW8260
OBG-TB-02-8	79-01-6	Trichloroethene	7/2/2002	2	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-9	79-01-6	Trichloroethene	7/2/2002	8	ug/kg	YES	J	2	4	ft	N	SO		SW8260
OBG-TB-02-9	1330-20-7	Xylene (total)	7/2/2002	1	ug/kg	YES	J	2	4	ft	N	SO		SW8260
TS-01	12674-11-2	Aroclor-1016 (PCB-1016)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-01	11104-28-2	Aroclor-1221 (PCB-1221)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-01	11141-16-5	Aroclor-1232 (PCB-1232)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-01	53469-21-9	Aroclor-1242 (PCB-1242)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-01	12672-29-6	Aroclor-1248 (PCB-1248)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-01	11097-69-1	Aroclor-1254 (PCB-1254)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-01	11096-82-5	Aroclor-1260 (PCB-1260)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082

Appendix B, Table B-1
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Soil

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Use Flag	Validation Qualifiers	Start Depth	End Depth	Depth Units	Sample Type	Sample Matrix	Lab Matrix	Analytical Method
TS-02	12674-11-2	Aroclor-1016 (PCB-1016)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-02	11104-28-2	Aroclor-1221 (PCB-1221)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-02	11141-16-5	Aroclor-1232 (PCB-1232)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-02	53469-21-9	Aroclor-1242 (PCB-1242)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-02	11097-69-1	Aroclor-1254 (PCB-1254)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082
TS-02	11096-82-5	Aroclor-1260 (PCB-1260)	8/15/2002	0.52	mg/kg	YES	U				N	SO		SW8082

Appendix B, Table B-2
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Validation Qualifiers	Sample Matrix	Lab Matrix	Analytical Method
WS-112806-ER-001	100-41-4	Ethylbenzene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	100-42-5	Styrene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	10061-01-5	cis-1,3-Dichloropropene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	10061-02-6	trans-1,3-Dichloropropene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	107-06-2	1,2-Dichloroethane	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	11/28/2006	5	ug/L	U	WS		SW8260T
WS-112806-ER-001	108-88-3	Toluene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	108-90-7	Chlorobenzene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	11096-82-5	Aroclor-1260 (PCB-1260)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	11097-69-1	Aroclor-1254 (PCB-1254)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	11104-28-2	Aroclor-1221 (PCB-1221)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	11141-16-5	Aroclor-1232 (PCB-1232)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	124-48-1	Dibromochloromethane	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	12672-29-6	Aroclor-1248 (PCB-1248)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	12674-11-2	Aroclor-1016 (PCB-1016)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	127-18-4	Tetrachloroethene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	1330-20-7	Xylene (total)	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	156-59-2	cis-1,2-Dichloroethene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	156-60-5	trans-1,2-Dichloroethene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	53469-21-9	Aroclor-1242 (PCB-1242)	11/28/2006	0.065	ug/L	U	WS		SW8082
WS-112806-ER-001	56-23-5	Carbon tetrachloride	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	591-78-6	2-Hexanone	11/28/2006	5	ug/L	U	WS		SW8260T
WS-112806-ER-001	67-64-1	Acetone	11/28/2006			U	WS		SW8260T
WS-112806-ER-001	67-66-3	Chloroform (Trichloromethane)	11/28/2006	5	ug/L	U	WS		SW8260T
WS-112806-ER-001	71-43-2	Benzene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	71-55-6	1,1,1-Trichloroethane	11/28/2006	0.7	ug/L	U	WS		SW8260T
WS-112806-ER-001	7439-92-1T	Lead	11/28/2006	2	ug/L	U	WS		SW6010
WS-112806-ER-001	7440-02-0T	Nickel	11/28/2006	1.1	ug/L	J	WS		SW6010
WS-112806-ER-001	7440-38-2T	Arsenic	11/28/2006	2.5	ug/L	U	WS		SW6010
WS-112806-ER-001	7440-47-3T	Chromium	11/28/2006	1.8	ug/L	U	WS		SW6010
WS-112806-ER-001	7440-50-8T	Copper	11/28/2006	3.2	ug/L	J	WS		SW6010
WS-112806-ER-001	7440-66-6T	Zinc	11/28/2006	5.7	ug/L	U	WS		SW6010
WS-112806-ER-001	74-83-9	Bromomethane (Methyl Bromide)	11/28/2006	38.8	ug/L	U	WS		SW8260T
WS-112806-ER-001	74-87-3	Chloromethane (Methyl Chloride)	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-00-3	Chloroethane	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-01-4	Vinyl chloride	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-09-2	Methylene chloride	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-15-0	Carbon disulfide	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-25-2	Bromoform	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-27-4	Bromodichloromethane	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-34-3	1,1-Dichloroethane	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	75-35-4	1,1-Dichloroethene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	78-87-5	1,2-Dichloropropane	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	78-93-3	2-Butanone (Methyl Ethyl Ketone)	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	79-00-5	1,1,2-Trichloroethane	11/28/2006	5	ug/L	U	WS		SW8260T
WS-112806-ER-001	79-01-6	Trichloroethene	11/28/2006	2	ug/L	U	WS		SW8260T
WS-112806-ER-001	79-34-5	1,1,2,2-Tetrachloroethane	11/28/2006	2	ug/L	U	WS		SW8260T

Appendix B, Table B-2
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Validation Qualifiers	Sample Matrix	Lab Matrix	Analytical Method
WS-112806-ER-001	95-47-6	o-Xylene	11/28/2006	2	ug/L		WS		SW8260T
WS-112806-ER-001	M/P-XYLENE	m&p-Xylene	11/28/2006	2	ug/L		WS		SW8260T
WS-113006-ER-001	100-01-6	4-Nitroaniline	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	100-02-7	4-Nitrophenol	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	101-55-3	4-Bromophenyl phenyl ether	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	105-67-9	2,4-Dimethylphenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	106-44-5	4-Methylphenol	11/30/2006	10	ug/L	UJ	WS		SW8270
WS-113006-ER-001	106-46-7	1,4-Dichlorobenzene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	106-47-8	4-Chloroaniline	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	108-60-1	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	11/30/2006	10	ug/L	UJ	WS		SW8270
WS-113006-ER-001	108-95-2	Phenol	11/30/2006	10	ug/L	UJ	WS		SW8270
WS-113006-ER-001	111-44-4	bis(2-Chloroethyl)ether	11/30/2006	10	ug/L	UJ	WS		SW8270
WS-113006-ER-001	111-91-1	bis(2-Chloroethoxy)methane	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	117-84-0	Di-n-octyl phthalate (DnOP)	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	118-74-1	Hexachlorobenzene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	120-12-7	Anthracene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	120-82-1	1,2,4-Trichlorobenzene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	120-83-2	2,4-Dichlorophenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	121-14-2	2,4-Dinitrotoluene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	129-00-0	Pyrene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	131-11-3	Dimethyl phthalate	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	132-64-9	Dibenzofuran	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	191-24-2	Benzo(g,h,i)perylene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	193-39-5	Indeno(1,2,3-cd)pyrene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	205-99-2	Benzo(b)fluoranthene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	206-44-0	Fluoranthene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	207-08-9	Benzo(k)fluoranthene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	208-96-8	Acenaphthylene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	218-01-9	Chrysene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	50-32-8	Benzo(a)pyrene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	51-28-5	2,4-Dinitrophenol	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	534-52-1	4,6-Dinitro-2-methylphenol	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	53-70-3	Dibenz(a,h)anthracene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	541-73-1	1,3-Dichlorobenzene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	56-55-3	Benzo(a)anthracene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	59-50-7	4-Chloro-3-methylphenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	606-20-2	2,6-Dinitrotoluene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	621-64-7	N-Nitrosodi-n-propylamine	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	67-72-1	Hexachloroethane	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	7005-72-3	4-Chlorophenyl phenyl ether	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	77-47-4	Hexachlorocyclopentadiene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	78-59-1	Isophorone	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	83-32-9	Acenaphthene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	84-66-2	Diethyl phthalate	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	84-74-2	Di-n-butylphthalate (DBP)	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	85-01-8	Phenanthrene	11/30/2006	10	ug/L	U	WS		SW8270

Appendix B, Table B-2
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Validation Qualifiers	Sample Matrix	Lab Matrix	Analytical Method
WS-113006-ER-001	85-68-7	Butyl benzylphthalate (BBP)	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	86-30-6	N-Nitrosodiphenylamine	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	86-73-7	Fluorene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	86-74-8	Carbazole	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	87-68-3	Hexachlorobutadiene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	87-86-5	Pentachlorophenol	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	88-06-2	2,4,6-Trichlorophenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	88-74-4	2-Nitroaniline	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	88-75-5	2-Nitrophenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	91-20-3	Naphthalene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	91-57-6	2-Methylnaphthalene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	91-58-7	2-Chloronaphthalene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	91-94-1	3,3'-Dichlorobenzidine	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	95-48-7	2-Methylphenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	95-50-1	1,2-Dichlorobenzene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	95-57-8	2-Chlorophenol	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	95-95-4	2,4,5-Trichlorophenol	11/30/2006	25	ug/L	U	WS		SW8270
WS-113006-ER-001	98-95-3	Nitrobenzene	11/30/2006	10	ug/L	U	WS		SW8270
WS-113006-ER-001	99-09-2	3-Nitroaniline	11/30/2006	25	ug/L	U	WS		SW8270

Appendix B, Table B-3
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water - OUTFALL 005

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Sample Matrix
GM-SPDES-005	71556	1,1,1-Trichloroethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	71556	1,1,1-Trichloroethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	71556	1,1,1-Trichloroethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	71556	1,1,1-Trichloroethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	79345	1,1,2,2-Tetrachloroethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	79345	1,1,2,2-Tetrachloroethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	79345	1,1,2,2-Tetrachloroethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	79345	1,1,2,2-Tetrachloroethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	79005	1,1,2-Trichloroethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	79005	1,1,2-Trichloroethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	79005	1,1,2-Trichloroethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	79005	1,1,2-Trichloroethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	75343	1,1-Dichloroethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75343	1,1-Dichloroethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75343	1,1-Dichloroethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75343	1,1-Dichloroethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	75354	1,1-Dichloroethene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75354	1,1-Dichloroethene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75354	1,1-Dichloroethene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75354	1,1-Dichloroethene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	95501	1,2-Dichlorobenzene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	95501	1,2-Dichlorobenzene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	95501	1,2-Dichlorobenzene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	95501	1,2-Dichlorobenzene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	107062	1,2-Dichloroethane (EDC)	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	107062	1,2-Dichloroethane (EDC)	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	107062	1,2-Dichloroethane (EDC)	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	107062	1,2-Dichloroethane (EDC)	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	78875	1,2-Dichloropropane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	78875	1,2-Dichloropropane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	78875	1,2-Dichloropropane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	78875	1,2-Dichloropropane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	541731	1,3-Dichlorobenzene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	541731	1,3-Dichlorobenzene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	541731	1,3-Dichlorobenzene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	541731	1,3-Dichlorobenzene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	106467	1,4-Dichlorobenzene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	106467	1,4-Dichlorobenzene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	106467	1,4-Dichlorobenzene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	106467	1,4-Dichlorobenzene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	110758	2-Chloroethylvinyl Ether	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	110758	2-Chloroethylvinyl Ether	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	110758	2-Chloroethylvinyl Ether	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	110758	2-Chloroethylvinyl Ether	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	7429905	Aluminum	3/9/2009	0.96	mg/L	WATER
GM-SPDES-005	7429905	Aluminum	6/20/2009	0.08	mg/L	WATER
GM-SPDES-005	7429905	Aluminum	12/28/2009	0.076	mg/L	WATER
GM-SPDES-005	7429905	Aluminum	3/5/2010	0.071	mg/L	WATER
GM-SPDES-005	12674112	Aroclor-1016	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	12674112	Aroclor-1016	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	12674112	Aroclor-1016	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	12674112	Aroclor-1016	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	11104282	Aroclor-1221	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	11104282	Aroclor-1221	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	11104282	Aroclor-1221	12/28/2009	ND	ug/L	WATER

Appendix B, Table B-3
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water - OUTFALL 005

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Sample Matrix
GM-SPDES-005	11104282	Aroclor-1221	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	11141165	Aroclor-1232	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	11141165	Aroclor-1232	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	11141165	Aroclor-1232	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	11141165	Aroclor-1232	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	53469219	Aroclor-1242	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	53469219	Aroclor-1242	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	53469219	Aroclor-1242	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	53469219	Aroclor-1242	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	12672296	Aroclor-1248	3/9/2009	0.26	ug/L	WATER
GM-SPDES-005	12672296	Aroclor-1248	6/20/2009	0.061	ug/L	WATER
GM-SPDES-005	12672296	Aroclor-1248	12/28/2009	0.1	ug/L	WATER
GM-SPDES-005	12672296	Aroclor-1248	3/5/2010	0.08	ug/L	WATER
GM-SPDES-005	11097691	Aroclor-1254	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	11097691	Aroclor-1254	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	11097691	Aroclor-1254	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	11097691	Aroclor-1254	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	11096825	Aroclor-1260	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	11096825	Aroclor-1260	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	11096825	Aroclor-1260	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	11096825	Aroclor-1260	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	71432	Benzene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	71432	Benzene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	71432	Benzene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	71432	Benzene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	75252	Bromoform	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75252	Bromoform	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75252	Bromoform	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75252	Bromoform	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	74839	Bromomethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	74839	Bromomethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	74839	Bromomethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	74839	Bromomethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	56235	Carbon Tetrachloride	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	56235	Carbon Tetrachloride	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	56235	Carbon Tetrachloride	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	56235	Carbon Tetrachloride	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	108907	Chlorobenzene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	108907	Chlorobenzene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	108907	Chlorobenzene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	108907	Chlorobenzene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	75003	Chloroethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75003	Chloroethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75003	Chloroethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75003	Chloroethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	67663	Chloroform	3/9/2009	0.37	ug/L	WATER
GM-SPDES-005	67663	Chloroform	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	67663	Chloroform	12/28/2009	0.15	ug/L	WATER
GM-SPDES-005	67663	Chloroform	3/5/2010	0.37	ug/L	WATER
GM-SPDES-005	74873	Chloromethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	74873	Chloromethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	74873	Chloromethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	74873	Chloromethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	156592	cis-1,2-Dichloroethene	3/9/2009	0.72	ug/L	WATER
GM-SPDES-005	156592	cis-1,2-Dichloroethene	6/20/2009	0.21	ug/L	WATER

Appendix B, Table B-3
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water - OUTFALL 005

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Sample Matrix
GM-SPDES-005	156592	cis-1,2-Dichloroethene	12/28/2009	1	ug/L	WATER
GM-SPDES-005	156592	cis-1,2-Dichloroethene	3/5/2010	1.5	ug/L	WATER
GM-SPDES-005	10061015	cis-1,3-Dichloropropene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	10061015	cis-1,3-Dichloropropene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	10061015	cis-1,3-Dichloropropene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	10061015	cis-1,3-Dichloropropene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	124481	Dibromochloromethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	100414	Ethylbenzene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	100414	Ethylbenzene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	100414	Ethylbenzene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	100414	Ethylbenzene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	7439896	Iron	3/9/2009	0.89	mg/L	WATER
GM-SPDES-005	7439896	Iron	6/20/2009	0.11	mg/L	WATER
GM-SPDES-005	7439896	Iron	12/28/2009	0.12	mg/L	WATER
GM-SPDES-005	7439896	Iron	3/5/2010	0.11	mg/L	WATER
GM-SPDES-005	75092	Methylene Chloride	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75092	Methylene Chloride	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75092	Methylene Chloride	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75092	Methylene Chloride	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	25322207	Tetrachloroethanes	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	25322207	Tetrachloroethanes	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	25322207	Tetrachloroethanes	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	25322207	Tetrachloroethanes	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	108883	Toluene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	108883	Toluene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	108883	Toluene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	108883	Toluene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	156605	trans-1,2-Dichloroethene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	156605	trans-1,2-Dichloroethene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	156605	trans-1,2-Dichloroethene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	156605	trans-1,2-Dichloroethene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	10061026	trans-1,3-Dichloropropene	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	10061026	trans-1,3-Dichloropropene	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	10061026	trans-1,3-Dichloropropene	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	10061026	trans-1,3-Dichloropropene	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	79016	Trichloroethene	3/9/2009	2.08	ug/L	WATER
GM-SPDES-005	79016	Trichloroethene	6/20/2009	0.62	ug/L	WATER
GM-SPDES-005	79016	Trichloroethene	12/28/2009	2.13	ug/L	WATER
GM-SPDES-005	79016	Trichloroethene	3/5/2010	3.87	ug/L	WATER
GM-SPDES-005	75694	trichlorofluoromethane	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75694	trichlorofluoromethane	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75694	trichlorofluoromethane	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75694	trichlorofluoromethane	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	75014	Vinyl chloride	3/9/2009	ND	ug/L	WATER
GM-SPDES-005	75014	Vinyl chloride	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	75014	Vinyl chloride	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	75014	Vinyl chloride	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	1330207	Xylene (total)	3/9/2009	ND	ug/L	WATER

Appendix B, Table B-3
RACER Trust- Former IFG Facility
Fish and Wildlife Ipmact Analysis
Dataset - Surface Water - OUTFALL 005

Location ID	Parameter Code	Parameter Name	Date Sampled	Report Results	Report Units	Sample Matrix
GM-SPDES-005	1330207	Xylene (total)	6/20/2009	ND	ug/L	WATER
GM-SPDES-005	1330207	Xylene (total)	12/28/2009	ND	ug/L	WATER
GM-SPDES-005	1330207	Xylene (total)	3/5/2010	ND	ug/L	WATER
GM-SPDES-005	7440666	Zinc	3/9/2009	0.059	mg/L	WATER
GM-SPDES-005	7440666	Zinc	6/20/2009	0.0066	mg/L	WATER
GM-SPDES-005	7440666	Zinc	12/28/2009	0.036	mg/L	WATER
GM-SPDES-005	7440666	Zinc	3/5/2010	0.052	mg/L	WATER

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
MW-12	71-55-6	1,1,1-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	71-55-6	1,1,1-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	71-55-6	1,1,1-Trichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	71-55-6	1,1,1-Trichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	71-55-6	1,1,1-Trichloroethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	71-55-6	1,1,1-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	71-55-6	1,1,1-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	71-55-6	1,1,1-Trichloroethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	71-55-6	1,1,1-Trichloroethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	71-55-6	1,1,1-Trichloroethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	79-34-5	1,1,2,2-Tetrachloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	79-34-5	1,1,2,2-Tetrachloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	79-34-5	1,1,2,2-Tetrachloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	79-34-5	1,1,2,2-Tetrachloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	79-34-5	1,1,2,2-Tetrachloroethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	79-34-5	1,1,2,2-Tetrachloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	79-34-5	1,1,2,2-Tetrachloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	79-34-5	1,1,2,2-Tetrachloroethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	79-34-5	1,1,2,2-Tetrachloroethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	79-34-5	1,1,2,2-Tetrachloroethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	79-00-5	1,1,2-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	79-00-5	1,1,2-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	79-00-5	1,1,2-Trichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	79-00-5	1,1,2-Trichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	79-00-5	1,1,2-Trichloroethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	79-00-5	1,1,2-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	79-00-5	1,1,2-Trichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	79-00-5	1,1,2-Trichloroethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	79-00-5	1,1,2-Trichloroethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	79-00-5	1,1,2-Trichloroethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	75-34-3	1,1-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	75-34-3	1,1-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	75-34-3	1,1-Dichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	75-34-3	1,1-Dichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	75-34-3	1,1-Dichloroethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-34-3	1,1-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	75-34-3	1,1-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	75-34-3	1,1-Dichloroethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-34-3	1,1-Dichloroethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-34-3	1,1-Dichloroethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	75-35-4	1,1-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	75-35-4	1,1-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	75-35-4	1,1-Dichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	75-35-4	1,1-Dichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	75-35-4	1,1-Dichloroethene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-35-4	1,1-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	75-35-4	1,1-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	75-35-4	1,1-Dichloroethene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-35-4	1,1-Dichloroethene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-35-4	1,1-Dichloroethene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	120-82-1	1,2,4-Trichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	120-82-1	1,2,4-Trichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	120-82-1	1,2,4-Trichlorobenzene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	120-82-1	1,2,4-Trichlorobenzene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	120-82-1	1,2,4-Trichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	120-82-1	1,2,4-Trichlorobenzene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	120-82-1	1,2,4-Trichlorobenzene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	120-82-1	1,2,4-Trichlorobenzene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	120-82-1	1,2,4-Trichlorobenzene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	95-50-1	1,2-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	95-50-1	1,2-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	95-50-1	1,2-Dichlorobenzene	10/30/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-25S	95-50-1	1,2-Dichlorobenzene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	95-50-1	1,2-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	95-50-1	1,2-Dichlorobenzene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	95-50-1	1,2-Dichlorobenzene	11/10/1999	5	ug/L	4.75	9.75	WG	WG	N	U
OBG-3	95-50-1	1,2-Dichlorobenzene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	95-50-1	1,2-Dichlorobenzene	11/10/1999	5	ug/L	4.79	9.79	WG	WG	N	U
OBG-5	95-50-1	1,2-Dichlorobenzene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	95-50-1	1,2-Dichlorobenzene	11/9/1999	5	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	95-50-1	1,2-Dichlorobenzene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	107-06-2	1,2-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	107-06-2	1,2-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	107-06-2	1,2-Dichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	107-06-2	1,2-Dichloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	107-06-2	1,2-Dichloroethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	107-06-2	1,2-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	107-06-2	1,2-Dichloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	107-06-2	1,2-Dichloroethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	107-06-2	1,2-Dichloroethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	107-06-2	1,2-Dichloroethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	78-87-5	1,2-Dichloropropane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	78-87-5	1,2-Dichloropropane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	78-87-5	1,2-Dichloropropane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	78-87-5	1,2-Dichloropropane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	78-87-5	1,2-Dichloropropane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	78-87-5	1,2-Dichloropropane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	78-87-5	1,2-Dichloropropane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	78-87-5	1,2-Dichloropropane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	78-87-5	1,2-Dichloropropane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	78-87-5	1,2-Dichloropropane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	541-73-1	1,3-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	541-73-1	1,3-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	541-73-1	1,3-Dichlorobenzene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	541-73-1	1,3-Dichlorobenzene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	541-73-1	1,3-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	541-73-1	1,3-Dichlorobenzene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	541-73-1	1,3-Dichlorobenzene	11/10/1999	5	ug/L	4.75	9.75	WG	WG	N	U
OBG-3	541-73-1	1,3-Dichlorobenzene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	541-73-1	1,3-Dichlorobenzene	11/10/1999	5	ug/L	4.79	9.79	WG	WG	N	U
OBG-5	541-73-1	1,3-Dichlorobenzene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	541-73-1	1,3-Dichlorobenzene	11/9/1999	5	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	541-73-1	1,3-Dichlorobenzene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	106-46-7	1,4-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	106-46-7	1,4-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	106-46-7	1,4-Dichlorobenzene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	106-46-7	1,4-Dichlorobenzene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	106-46-7	1,4-Dichlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	106-46-7	1,4-Dichlorobenzene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	106-46-7	1,4-Dichlorobenzene	11/10/1999	5	ug/L	4.75	9.75	WG	WG	N	U
OBG-3	106-46-7	1,4-Dichlorobenzene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	106-46-7	1,4-Dichlorobenzene	11/10/1999	5	ug/L	4.79	9.79	WG	WG	N	U
OBG-5	106-46-7	1,4-Dichlorobenzene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	106-46-7	1,4-Dichlorobenzene	11/9/1999	5	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	106-46-7	1,4-Dichlorobenzene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	95-95-4	2,4,5-Trichlorophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
MW-13	95-95-4	2,4,5-Trichlorophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-1	95-95-4	2,4,5-Trichlorophenol	10/30/2006	25	ug/L	0	0	WG	WG	N	U
OBG-25S	95-95-4	2,4,5-Trichlorophenol	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	95-95-4	2,4,5-Trichlorophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-27S	95-95-4	2,4,5-Trichlorophenol	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	95-95-4	2,4,5-Trichlorophenol	11/10/1999	53	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	95-95-4	2,4,5-Trichlorophenol	11/10/1999	56	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	95-95-4	2,4,5-Trichlorophenol	11/9/1999	52	ug/L	4.6	9.6	WG	WG	N	U
MW-12	88-06-2	2,4,6-Trichlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
MW-13	88-06-2	2,4,6-Trichlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	88-06-2	2,4,6-Trichlorophenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	88-06-2	2,4,6-Trichlorophenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	88-06-2	2,4,6-Trichlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	88-06-2	2,4,6-Trichlorophenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	88-06-2	2,4,6-Trichlorophenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	88-06-2	2,4,6-Trichlorophenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	88-06-2	2,4,6-Trichlorophenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	120-83-2	2,4-Dichlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	120-83-2	2,4-Dichlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	120-83-2	2,4-Dichlorophenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	120-83-2	2,4-Dichlorophenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	120-83-2	2,4-Dichlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	120-83-2	2,4-Dichlorophenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	120-83-2	2,4-Dichlorophenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	120-83-2	2,4-Dichlorophenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	120-83-2	2,4-Dichlorophenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	105-67-9	2,4-Dimethylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	105-67-9	2,4-Dimethylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	105-67-9	2,4-Dimethylphenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	105-67-9	2,4-Dimethylphenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	105-67-9	2,4-Dimethylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	105-67-9	2,4-Dimethylphenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	105-67-9	2,4-Dimethylphenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	105-67-9	2,4-Dimethylphenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	105-67-9	2,4-Dimethylphenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	51-28-5	2,4-Dinitrophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	UJ
MW-13	51-28-5	2,4-Dinitrophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-1	51-28-5	2,4-Dinitrophenol	10/30/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-25S	51-28-5	2,4-Dinitrophenol	11/1/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-26S	51-28-5	2,4-Dinitrophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-27S	51-28-5	2,4-Dinitrophenol	11/2/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-7A	51-28-5	2,4-Dinitrophenol	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	121-14-2	2,4-Dinitrotoluene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	121-14-2	2,4-Dinitrotoluene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	121-14-2	2,4-Dinitrotoluene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	121-14-2	2,4-Dinitrotoluene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	121-14-2	2,4-Dinitrotoluene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	121-14-2	2,4-Dinitrotoluene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	121-14-2	2,4-Dinitrotoluene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	121-14-2	2,4-Dinitrotoluene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	121-14-2	2,4-Dinitrotoluene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	606-20-2	2,6-Dinitrotoluene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	606-20-2	2,6-Dinitrotoluene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	606-20-2	2,6-Dinitrotoluene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	606-20-2	2,6-Dinitrotoluene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	606-20-2	2,6-Dinitrotoluene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	606-20-2	2,6-Dinitrotoluene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	606-20-2	2,6-Dinitrotoluene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	606-20-2	2,6-Dinitrotoluene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	606-20-2	2,6-Dinitrotoluene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	78-93-3	2-Butanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
MW-13	78-93-3	2-Butanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-1	78-93-3	2-Butanone	10/30/2006	5	ug/L	0	0	WG	WG	N	U
OBG-2	78-93-3	2-Butanone	10/30/2006	5	ug/L	0	0	WG	WG	N	U
OBG-25S	78-93-3	2-Butanone	11/1/2006	3	ug/L	0	0	WG	WG	Y	J
OBG-26S	78-93-3	2-Butanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-27S	78-93-3	2-Butanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-3	110-75-8	2-Chloroethyl vinyl ether	11/10/1999	10	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	110-75-8	2-Chloroethyl vinyl ether	11/10/1999	10	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	110-75-8	2-Chloroethyl vinyl ether	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	91-58-7	2-Chloronaphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	91-58-7	2-Chloronaphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-1	91-58-7	2-Chloronaphthalene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	91-58-7	2-Chloronaphthalene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	91-58-7	2-Chloronaphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	91-58-7	2-Chloronaphthalene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	91-58-7	2-Chloronaphthalene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	91-58-7	2-Chloronaphthalene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	91-58-7	2-Chloronaphthalene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	95-57-8	2-Chlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	95-57-8	2-Chlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	95-57-8	2-Chlorophenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	95-57-8	2-Chlorophenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	95-57-8	2-Chlorophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	95-57-8	2-Chlorophenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	95-57-8	2-Chlorophenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	95-57-8	2-Chlorophenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	95-57-8	2-Chlorophenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	591-78-6	2-Hexanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
MW-13	591-78-6	2-Hexanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-1	591-78-6	2-Hexanone	10/30/2006	5	ug/L	0	0	WG	WG	N	U
OBG-2	591-78-6	2-Hexanone	10/30/2006	5	ug/L	0	0	WG	WG	N	U
OBG-25S	591-78-6	2-Hexanone	11/1/2006	5	ug/L	0	0	WG	WG	N	UJ
OBG-26S	591-78-6	2-Hexanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-27S	591-78-6	2-Hexanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
MW-12	91-57-6	2-Methylnaphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	91-57-6	2-Methylnaphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	91-57-6	2-Methylnaphthalene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	91-57-6	2-Methylnaphthalene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	91-57-6	2-Methylnaphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	91-57-6	2-Methylnaphthalene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	91-57-6	2-Methylnaphthalene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	91-57-6	2-Methylnaphthalene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	91-57-6	2-Methylnaphthalene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	95-48-7	2-Methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	95-48-7	2-Methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	95-48-7	2-Methylphenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	95-48-7	2-Methylphenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	95-48-7	2-Methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	95-48-7	2-Methylphenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	95-48-7	2-Methylphenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	95-48-7	2-Methylphenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	95-48-7	2-Methylphenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	88-74-4	2-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
MW-13	88-74-4	2-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-1	88-74-4	2-Nitroaniline	10/30/2006	25	ug/L	0	0	WG	WG	N	U
OBG-25S	88-74-4	2-Nitroaniline	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	88-74-4	2-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-27S	88-74-4	2-Nitroaniline	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	88-74-4	2-Nitroaniline	11/10/1999	26	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	88-74-4	2-Nitroaniline	11/10/1999	28	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	88-74-4	2-Nitroaniline	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	88-75-5	2-Nitrophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	88-75-5	2-Nitrophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	88-75-5	2-Nitrophenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	88-75-5	2-Nitrophenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	88-75-5	2-Nitrophenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	88-75-5	2-Nitrophenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	88-75-5	2-Nitrophenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	88-75-5	2-Nitrophenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	88-75-5	2-Nitrophenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	91-94-1	3,3'-Dichlorobenzidine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	91-94-1	3,3'-Dichlorobenzidine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	91-94-1	3,3'-Dichlorobenzidine	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	91-94-1	3,3'-Dichlorobenzidine	11/1/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-26S	91-94-1	3,3'-Dichlorobenzidine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	91-94-1	3,3'-Dichlorobenzidine	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	91-94-1	3,3'-Dichlorobenzidine	11/10/1999	21	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	91-94-1	3,3'-Dichlorobenzidine	11/10/1999	22	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	91-94-1	3,3'-Dichlorobenzidine	11/9/1999	21	ug/L	4.6	9.6	WG	WG	N	U
MW-12	99-09-2	3-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
MW-13	99-09-2	3-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-1	99-09-2	3-Nitroaniline	10/30/2006	25	ug/L	0	0	WG	WG	N	U
OBG-25S	99-09-2	3-Nitroaniline	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	99-09-2	3-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-27S	99-09-2	3-Nitroaniline	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	99-09-2	3-Nitroaniline	11/10/1999	26	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	99-09-2	3-Nitroaniline	11/10/1999	28	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	99-09-2	3-Nitroaniline	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	534-52-1	4,6-Dinitro-2-methylphenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
MW-13	534-52-1	4,6-Dinitro-2-methylphenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-1	534-52-1	4,6-Dinitro-2-methylphenol	10/30/2006	25	ug/L	0	0	WG	WG	N	U
OBG-25S	534-52-1	4,6-Dinitro-2-methylphenol	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	534-52-1	4,6-Dinitro-2-methylphenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-27S	534-52-1	4,6-Dinitro-2-methylphenol	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	534-52-1	4,6-Dinitro-2-methylphenol	11/10/1999	26	ug/L	4.75	9.75	WG	WG	N	UJ
OBG-5	534-52-1	4,6-Dinitro-2-methylphenol	11/10/1999	28	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	534-52-1	4,6-Dinitro-2-methylphenol	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	101-55-3	4-Bromophenyl phenyl ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	101-55-3	4-Bromophenyl phenyl ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	101-55-3	4-Bromophenyl phenyl ether	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	101-55-3	4-Bromophenyl phenyl ether	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	101-55-3	4-Bromophenyl phenyl ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	101-55-3	4-Bromophenyl phenyl ether	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	101-55-3	4-Bromophenyl phenyl ether	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	101-55-3	4-Bromophenyl phenyl ether	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	101-55-3	4-Bromophenyl phenyl ether	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	59-50-7	4-Chloro-3-methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	59-50-7	4-Chloro-3-methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	59-50-7	4-Chloro-3-methylphenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	59-50-7	4-Chloro-3-methylphenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	59-50-7	4-Chloro-3-methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	59-50-7	4-Chloro-3-methylphenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	59-50-7	4-Chloro-3-methylphenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	59-50-7	4-Chloro-3-methylphenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	59-50-7	4-Chloro-3-methylphenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	106-47-8	4-Chloroaniline	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	106-47-8	4-Chloroaniline	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	106-47-8	4-Chloroaniline	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	106-47-8	4-Chloroaniline	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	106-47-8	4-Chloroaniline	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	106-47-8	4-Chloroaniline	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	106-47-8	4-Chloroaniline	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	106-47-8	4-Chloroaniline	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	106-47-8	4-Chloroaniline	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7005-72-3	4-Chlorophenyl phenyl ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	7005-72-3	4-Chlorophenyl phenyl ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	7005-72-3	4-Chlorophenyl phenyl ether	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	7005-72-3	4-Chlorophenyl phenyl ether	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	7005-72-3	4-Chlorophenyl phenyl ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	7005-72-3	4-Chlorophenyl phenyl ether	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	7005-72-3	4-Chlorophenyl phenyl ether	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	7005-72-3	4-Chlorophenyl phenyl ether	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	7005-72-3	4-Chlorophenyl phenyl ether	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	108-10-1	4-Methyl-2-pentanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
MW-13	108-10-1	4-Methyl-2-pentanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-1	108-10-1	4-Methyl-2-pentanone	10/30/2006	5	ug/L	0	0	WG	WG	N	U
OBG-2	108-10-1	4-Methyl-2-pentanone	10/30/2006	5	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-25S	108-10-1	4-Methyl-2-pentanone	11/1/2006	5	ug/L	0	0	WG	WG	N	UJ
OBG-26S	108-10-1	4-Methyl-2-pentanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
OBG-27S	108-10-1	4-Methyl-2-pentanone	10/31/2006	5	ug/L	0	0	WG	WG	N	U
MW-12	106-44-5	4-Methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	106-44-5	4-Methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	106-44-5	4-Methylphenol	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	106-44-5	4-Methylphenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	106-44-5	4-Methylphenol	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	106-44-5	4-Methylphenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	106-44-5	4-Methylphenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	106-44-5	4-Methylphenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	106-44-5	4-Methylphenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	100-01-6	4-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
MW-13	100-01-6	4-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-1	100-01-6	4-Nitroaniline	10/30/2006	25	ug/L	0	0	WG	WG	N	U
OBG-25S	100-01-6	4-Nitroaniline	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	100-01-6	4-Nitroaniline	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-27S	100-01-6	4-Nitroaniline	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	100-01-6	4-Nitroaniline	11/10/1999	26	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	100-01-6	4-Nitroaniline	11/10/1999	28	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	100-01-6	4-Nitroaniline	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	100-02-7	4-Nitrophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	UJ
MW-13	100-02-7	4-Nitrophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-1	100-02-7	4-Nitrophenol	10/30/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-25S	100-02-7	4-Nitrophenol	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	100-02-7	4-Nitrophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	UJ
OBG-27S	100-02-7	4-Nitrophenol	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	100-02-7	4-Nitrophenol	11/10/1999	26	ug/L	4.75	9.75	WG	WG	N	UJ
OBG-5	100-02-7	4-Nitrophenol	11/10/1999	28	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	100-02-7	4-Nitrophenol	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	83-32-9	Acenaphthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	83-32-9	Acenaphthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	83-32-9	Acenaphthene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	83-32-9	Acenaphthene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	83-32-9	Acenaphthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	83-32-9	Acenaphthene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	83-32-9	Acenaphthene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	83-32-9	Acenaphthene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	83-32-9	Acenaphthene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	208-96-8	Acenaphthylene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	208-96-8	Acenaphthylene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	208-96-8	Acenaphthylene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	208-96-8	Acenaphthylene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	208-96-8	Acenaphthylene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	208-96-8	Acenaphthylene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	208-96-8	Acenaphthylene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	208-96-8	Acenaphthylene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	208-96-8	Acenaphthylene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	67-64-1	Acetone	10/31/2006	5	ug/L	0	0	WG	WG	N	UJ
MW-13	67-64-1	Acetone	10/31/2006	5	ug/L	0	0	WG	WG	N	UJ
OBG-1	67-64-1	Acetone	10/30/2006	5	ug/L	0	0	WG	WG	N	UJ
OBG-2	67-64-1	Acetone	10/30/2006	5	ug/L	0	0	WG	WG	N	UJ
OBG-25S	67-64-1	Acetone	11/1/2006	16	ug/L	0	0	WG	WG	Y	J
OBG-26S	67-64-1	Acetone	10/31/2006	5	ug/L	0	0	WG	WG	N	UJ
OBG-27S	67-64-1	Acetone	10/31/2006	5	ug/L	0	0	WG	WG	N	UJ
MW-12	7429-90-5	Aluminum	10/31/2006	0.431	mg/L	0	0	WG	WG	Y	
MW-13	7429-90-5	Aluminum	10/31/2006	0.0148	mg/L	0	0	WG	WG	N	U
OBG-1	7429-90-5	Aluminum	10/30/2006	0.0653	mg/L	0	0	WG	WG	N	U
OBG-25S	7429-90-5	Aluminum	11/1/2006	0.0102	mg/L	0	0	WG	WG	N	U
OBG-26S	7429-90-5	Aluminum	10/31/2006	0.0152	mg/L	0	0	WG	WG	N	U
OBG-27S	7429-90-5	Aluminum	10/31/2006	0.0542	mg/L	0	0	WG	WG	N	U
MW-12	120-12-7	Anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	120-12-7	Anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-1	120-12-7	Anthracene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	120-12-7	Anthracene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	120-12-7	Anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	120-12-7	Anthracene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	120-12-7	Anthracene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	120-12-7	Anthracene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	120-12-7	Anthracene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-36-0	Antimony	10/31/2006	0.0032	mg/L	0	0	WG	WG	N	U
MW-13	7440-36-0	Antimony	10/31/2006	0.0032	mg/L	0	0	WG	WG	N	U
OBG-1	7440-36-0	Antimony	10/30/2006	0.0032	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-36-0	Antimony	11/1/2006	0.0032	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-36-0	Antimony	10/31/2006	0.0032	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-36-0	Antimony	10/31/2006	0.0032	mg/L	0	0	WG	WG	N	U
MW-12	12674-11-2	Aroclor-1016	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	12674-11-2	Aroclor-1016	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-1	12674-11-2	Aroclor-1016	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	12674-11-2	Aroclor-1016	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	12674-11-2	Aroclor-1016	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	12674-11-2	Aroclor-1016	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	12674-11-2	Aroclor-1016	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-3	12674-11-2	Aroclor-1016	11/10/1999	0.6	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	12674-11-2	Aroclor-1016	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	12674-11-2	Aroclor-1016	11/9/1999	0.5	ug/L	4.6	9.6	WG	WG	N	U
MW-12	11104-28-2	Aroclor-1221	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	11104-28-2	Aroclor-1221	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-1	11104-28-2	Aroclor-1221	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	11104-28-2	Aroclor-1221	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	11104-28-2	Aroclor-1221	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	11104-28-2	Aroclor-1221	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	11104-28-2	Aroclor-1221	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-3	11104-28-2	Aroclor-1221	11/10/1999	0.6	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	11104-28-2	Aroclor-1221	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	11104-28-2	Aroclor-1221	11/9/1999	0.5	ug/L	4.6	9.6	WG	WG	N	U
MW-12	11141-16-5	Aroclor-1232	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	11141-16-5	Aroclor-1232	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-1	11141-16-5	Aroclor-1232	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	11141-16-5	Aroclor-1232	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	11141-16-5	Aroclor-1232	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	11141-16-5	Aroclor-1232	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	11141-16-5	Aroclor-1232	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-3	11141-16-5	Aroclor-1232	11/10/1999	0.6	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	11141-16-5	Aroclor-1232	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	11141-16-5	Aroclor-1232	11/9/1999	0.5	ug/L	4.6	9.6	WG	WG	N	U
MW-12	53469-21-9	Aroclor-1242	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	53469-21-9	Aroclor-1242	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-1	53469-21-9	Aroclor-1242	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	53469-21-9	Aroclor-1242	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	53469-21-9	Aroclor-1242	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	53469-21-9	Aroclor-1242	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	53469-21-9	Aroclor-1242	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-3	53469-21-9	Aroclor-1242	11/10/1999	0.6	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	53469-21-9	Aroclor-1242	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
MW-12	12672-29-6	Aroclor-1248	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	12672-29-6	Aroclor-1248	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-1	12672-29-6	Aroclor-1248	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	12672-29-6	Aroclor-1248	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	12672-29-6	Aroclor-1248	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	12672-29-6	Aroclor-1248	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	12672-29-6	Aroclor-1248	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-5	12672-29-6	Aroclor-1248	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	12672-29-6	Aroclor-1248	11/9/1999	0.5	ug/L	4.6	9.6	WG	WG	N	U
MW-12	11097-69-1	Aroclor-1254	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	11097-69-1	Aroclor-1254	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-1	11097-69-1	Aroclor-1254	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	11097-69-1	Aroclor-1254	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	11097-69-1	Aroclor-1254	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	11097-69-1	Aroclor-1254	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	11097-69-1	Aroclor-1254	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-3	11097-69-1	Aroclor-1254	11/10/1999	0.6	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	11097-69-1	Aroclor-1254	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	11097-69-1	Aroclor-1254	11/9/1999	0.5	ug/L	4.6	9.6	WG	WG	N	U
MW-12	11096-82-5	Aroclor-1260	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
MW-13	11096-82-5	Aroclor-1260	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-1	11096-82-5	Aroclor-1260	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-2	11096-82-5	Aroclor-1260	10/30/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-25S	11096-82-5	Aroclor-1260	11/1/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-26S	11096-82-5	Aroclor-1260	10/31/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-27S	11096-82-5	Aroclor-1260	11/2/2006	0.065	ug/L	0	0	WG	WG	N	U
OBG-3	11096-82-5	Aroclor-1260	11/10/1999	0.6	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	11096-82-5	Aroclor-1260	11/10/1999	0.5	ug/L	4.79	9.79	WG	WG	N	UJ
OBG-7A	11096-82-5	Aroclor-1260	11/9/1999	0.5	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	7440-38-2	Arsenic	11/9/1999	0.0025	mg/L	4.6	9.6	WG	WG	N	U
OBG-3	7440-38-2	Arsenic	11/10/1999	0.0025	mg/L	4.75	9.75	WG	WG	N	U
OBG-5	7440-38-2	Arsenic	11/10/1999	0.0035	mg/L	4.79	9.79	WG	WG	Y	J
OBG-1	7440-38-2	Arsenic	10/30/2006	0.0029	mg/L	0	0	WG	WG	N	U
MW-12	7440-38-2	Arsenic	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
MW-13	7440-38-2	Arsenic	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-38-2	Arsenic	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-38-2	Arsenic	10/31/2006	0.0123	mg/L	0	0	WG	WG	Y	
OBG-25S	7440-38-2	Arsenic	11/1/2006	0.0029	mg/L	0	0	WG	WG	N	U
MW-12	7440-39-3	Barium	10/31/2006	0.0298	mg/L	0	0	WG	WG	Y	
MW-13	7440-39-3	Barium	10/31/2006	0.0505	mg/L	0	0	WG	WG	Y	
OBG-1	7440-39-3	Barium	10/30/2006	0.0912	mg/L	0	0	WG	WG	Y	B
OBG-25S	7440-39-3	Barium	11/1/2006	0.0466	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-39-3	Barium	10/31/2006	0.0291	mg/L	0	0	WG	WG	Y	
OBG-27S	7440-39-3	Barium	10/31/2006	0.0876	mg/L	0	0	WG	WG	Y	
MW-12	71-43-2	Benzene	10/31/2006	0.7	ug/L	0	0	WG	WG	N	U
MW-13	71-43-2	Benzene	10/31/2006	0.7	ug/L	0	0	WG	WG	N	U
OBG-1	71-43-2	Benzene	10/30/2006	0.7	ug/L	0	0	WG	WG	N	U
OBG-2	71-43-2	Benzene	10/30/2006	0.7	ug/L	0	0	WG	WG	N	U
OBG-25S	71-43-2	Benzene	11/1/2006	0.7	ug/L	0	0	WG	WG	N	U
OBG-26S	71-43-2	Benzene	10/31/2006	0.7	ug/L	0	0	WG	WG	N	U
OBG-27S	71-43-2	Benzene	10/31/2006	0.7	ug/L	0	0	WG	WG	N	U
OBG-3	71-43-2	Benzene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	71-43-2	Benzene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	71-43-2	Benzene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	56-55-3	Benzo(a)anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	56-55-3	Benzo(a)anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	56-55-3	Benzo(a)anthracene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	56-55-3	Benzo(a)anthracene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	56-55-3	Benzo(a)anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	56-55-3	Benzo(a)anthracene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	56-55-3	Benzo(a)anthracene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	56-55-3	Benzo(a)anthracene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	56-55-3	Benzo(a)anthracene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	50-32-8	Benzo(a)pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	50-32-8	Benzo(a)pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	50-32-8	Benzo(a)pyrene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	50-32-8	Benzo(a)pyrene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	50-32-8	Benzo(a)pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	50-32-8	Benzo(a)pyrene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	50-32-8	Benzo(a)pyrene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	50-32-8	Benzo(a)pyrene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	50-32-8	Benzo(a)pyrene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	205-99-2	Benzo(b)fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	205-99-2	Benzo(b)fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-1	205-99-2	Benzo(b)fluoranthene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	205-99-2	Benzo(b)fluoranthene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	205-99-2	Benzo(b)fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	205-99-2	Benzo(b)fluoranthene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	205-99-2	Benzo(b)fluoranthene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	205-99-2	Benzo(b)fluoranthene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	205-99-2	Benzo(b)fluoranthene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	191-24-2	Benzo(g,h,i)perylene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	191-24-2	Benzo(g,h,i)perylene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	191-24-2	Benzo(g,h,i)perylene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	191-24-2	Benzo(g,h,i)perylene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	191-24-2	Benzo(g,h,i)perylene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	191-24-2	Benzo(g,h,i)perylene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	191-24-2	Benzo(g,h,i)perylene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	191-24-2	Benzo(g,h,i)perylene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	191-24-2	Benzo(g,h,i)perylene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	207-08-9	Benzo(k)fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	207-08-9	Benzo(k)fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	207-08-9	Benzo(k)fluoranthene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	207-08-9	Benzo(k)fluoranthene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	207-08-9	Benzo(k)fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	207-08-9	Benzo(k)fluoranthene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	207-08-9	Benzo(k)fluoranthene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	207-08-9	Benzo(k)fluoranthene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	207-08-9	Benzo(k)fluoranthene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-41-7	Beryllium	10/31/2006	0.00017	mg/L	0	0	WG	WG	N	U
MW-13	7440-41-7	Beryllium	10/31/2006	0.00017	mg/L	0	0	WG	WG	N	U
OBG-1	7440-41-7	Beryllium	10/30/2006	0.00017	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-41-7	Beryllium	11/1/2006	0.00017	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-41-7	Beryllium	10/31/2006	0.00017	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-41-7	Beryllium	10/31/2006	0.00017	mg/L	0	0	WG	WG	N	U
MW-12	111-91-1	bis(2-Chloroethoxy)methane	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	111-91-1	bis(2-Chloroethoxy)methane	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	111-91-1	bis(2-Chloroethoxy)methane	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	111-91-1	bis(2-Chloroethoxy)methane	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	111-91-1	bis(2-Chloroethoxy)methane	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	111-91-1	bis(2-Chloroethoxy)methane	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	111-91-1	bis(2-Chloroethoxy)methane	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	111-91-1	bis(2-Chloroethoxy)methane	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	111-91-1	bis(2-Chloroethoxy)methane	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	111-44-4	bis(2-Chloroethyl)ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	111-44-4	bis(2-Chloroethyl)ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	111-44-4	bis(2-Chloroethyl)ether	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	111-44-4	bis(2-Chloroethyl)ether	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	111-44-4	bis(2-Chloroethyl)ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	111-44-4	bis(2-Chloroethyl)ether	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	111-44-4	bis(2-Chloroethyl)ether	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	111-44-4	bis(2-Chloroethyl)ether	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	111-44-4	bis(2-Chloroethyl)ether	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	108-60-1	bis(2-chloroisopropyl) ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	108-60-1	bis(2-chloroisopropyl) ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	108-60-1	bis(2-chloroisopropyl) ether	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	108-60-1	bis(2-chloroisopropyl) ether	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	108-60-1	bis(2-chloroisopropyl) ether	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	108-60-1	bis(2-chloroisopropyl) ether	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	108-60-1	bis(2-chloroisopropyl) ether	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	108-60-1	bis(2-chloroisopropyl) ether	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	108-60-1	bis(2-chloroisopropyl) ether	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	117-81-7	bis(2-Ethylhexyl)phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	117-81-7	bis(2-Ethylhexyl)phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	117-81-7	bis(2-Ethylhexyl)phthalate	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	117-81-7	bis(2-Ethylhexyl)phthalate	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	117-81-7	bis(2-Ethylhexyl)phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-27S	117-81-7	bis(2-Ethylhexyl)phthalate	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	117-81-7	bis(2-Ethylhexyl)phthalate	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	117-81-7	bis(2-Ethylhexyl)phthalate	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	117-81-7	bis(2-Ethylhexyl)phthalate	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	75-27-4	Bromodichloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	75-27-4	Bromodichloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	75-27-4	Bromodichloromethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	75-27-4	Bromodichloromethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	75-27-4	Bromodichloromethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-27-4	Bromodichloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	75-27-4	Bromodichloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	75-27-4	Bromodichloromethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-27-4	Bromodichloromethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-27-4	Bromodichloromethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	75-25-2	Bromoform	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	75-25-2	Bromoform	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	75-25-2	Bromoform	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	75-25-2	Bromoform	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	75-25-2	Bromoform	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-25-2	Bromoform	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	75-25-2	Bromoform	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	75-25-2	Bromoform	11/10/1999	10	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-25-2	Bromoform	11/10/1999	10	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-25-2	Bromoform	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	74-83-9	Bromomethane (Methyl Bromide)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
MW-13	74-83-9	Bromomethane (Methyl Bromide)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-1	74-83-9	Bromomethane (Methyl Bromide)	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-2	74-83-9	Bromomethane (Methyl Bromide)	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-25S	74-83-9	Bromomethane (Methyl Bromide)	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	74-83-9	Bromomethane (Methyl Bromide)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-27S	74-83-9	Bromomethane (Methyl Bromide)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-3	74-83-9	Bromomethane (Methyl Bromide)	11/10/1999	10	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	74-83-9	Bromomethane (Methyl Bromide)	11/10/1999	10	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	74-83-9	Bromomethane (Methyl Bromide)	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	85-68-7	Butyl benzylphthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	85-68-7	Butyl benzylphthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	85-68-7	Butyl benzylphthalate	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	85-68-7	Butyl benzylphthalate	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	85-68-7	Butyl benzylphthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	85-68-7	Butyl benzylphthalate	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	85-68-7	Butyl benzylphthalate	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	85-68-7	Butyl benzylphthalate	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	85-68-7	Butyl benzylphthalate	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-43-9	Cadmium	10/31/2006	0.0011	mg/L	0	0	WG	WG	N	U
MW-13	7440-43-9	Cadmium	10/31/2006	0.00028	mg/L	0	0	WG	WG	N	U
OBG-1	7440-43-9	Cadmium	10/30/2006	0.00037	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-43-9	Cadmium	11/1/2006	0.00028	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-43-9	Cadmium	10/31/2006	0.00028	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-43-9	Cadmium	10/31/2006	0.0012	mg/L	0	0	WG	WG	N	U
MW-12	7440-70-2	Calcium	10/31/2006	681	mg/L	0	0	WG	WG	Y	
MW-13	7440-70-2	Calcium	10/31/2006	386	mg/L	0	0	WG	WG	Y	
OBG-1	7440-70-2	Calcium	10/30/2006	186	mg/L	0	0	WG	WG	Y	
OBG-25S	7440-70-2	Calcium	11/1/2006	340	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-70-2	Calcium	10/31/2006	411	mg/L	0	0	WG	WG	Y	
OBG-27S	7440-70-2	Calcium	10/31/2006	570	mg/L	0	0	WG	WG	Y	
MW-12	86-74-8	Carbazole	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	86-74-8	Carbazole	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	86-74-8	Carbazole	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	86-74-8	Carbazole	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	86-74-8	Carbazole	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	86-74-8	Carbazole	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	86-74-8	Carbazole	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	86-74-8	Carbazole	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-7A	86-74-8	Carbazole	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	75-15-0	Carbon disulfide	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	75-15-0	Carbon disulfide	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	75-15-0	Carbon disulfide	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	75-15-0	Carbon disulfide	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	75-15-0	Carbon disulfide	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-15-0	Carbon disulfide	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	75-15-0	Carbon disulfide	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-12	56-23-5	Carbon tetrachloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	56-23-5	Carbon tetrachloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	56-23-5	Carbon tetrachloride	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	56-23-5	Carbon tetrachloride	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	56-23-5	Carbon tetrachloride	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	56-23-5	Carbon tetrachloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	56-23-5	Carbon tetrachloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	56-23-5	Carbon tetrachloride	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	56-23-5	Carbon tetrachloride	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	56-23-5	Carbon tetrachloride	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	108-90-7	Chlorobenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	108-90-7	Chlorobenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	108-90-7	Chlorobenzene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	108-90-7	Chlorobenzene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	108-90-7	Chlorobenzene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	108-90-7	Chlorobenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	108-90-7	Chlorobenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	108-90-7	Chlorobenzene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	108-90-7	Chlorobenzene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	108-90-7	Chlorobenzene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	75-00-3	Chloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
MW-13	75-00-3	Chloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-1	75-00-3	Chloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-2	75-00-3	Chloroethane	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-25S	75-00-3	Chloroethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-00-3	Chloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-27S	75-00-3	Chloroethane	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-3	75-00-3	Chloroethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-00-3	Chloroethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-00-3	Chloroethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	67-66-3	Chloroform (Trichloromethane)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	67-66-3	Chloroform (Trichloromethane)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	67-66-3	Chloroform (Trichloromethane)	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	67-66-3	Chloroform (Trichloromethane)	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	67-66-3	Chloroform (Trichloromethane)	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	67-66-3	Chloroform (Trichloromethane)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	67-66-3	Chloroform (Trichloromethane)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	67-66-3	Chloroform (Trichloromethane)	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	67-66-3	Chloroform (Trichloromethane)	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	67-66-3	Chloroform (Trichloromethane)	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	74-87-3	Chloromethane (Methyl Chloride)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
MW-13	74-87-3	Chloromethane (Methyl Chloride)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-1	74-87-3	Chloromethane (Methyl Chloride)	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-2	74-87-3	Chloromethane (Methyl Chloride)	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-25S	74-87-3	Chloromethane (Methyl Chloride)	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	74-87-3	Chloromethane (Methyl Chloride)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-27S	74-87-3	Chloromethane (Methyl Chloride)	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-3	74-87-3	Chloromethane (Methyl Chloride)	11/10/1999	10	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	74-87-3	Chloromethane (Methyl Chloride)	11/10/1999	10	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	74-87-3	Chloromethane (Methyl Chloride)	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	7440-47-3	Chromium	11/9/1999	0.0072	mg/L	4.6	9.6	WG	WG	Y	J
OBG-3	7440-47-3	Chromium	11/10/1999	0.0088	mg/L	4.75	9.75	WG	WG	Y	J
OBG-5	7440-47-3	Chromium	11/10/1999	0.0005	mg/L	4.79	9.79	WG	WG	N	U
OBG-1	7440-47-3	Chromium	10/30/2006	0.0134	mg/L	0	0	WG	WG	Y	J
MW-12	7440-47-3	Chromium	10/31/2006	0.006	mg/L	0	0	WG	WG	Y	J

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
MW-13	7440-47-3	Chromium	10/31/2006	0.0022	mg/L	0	0	WG	WG	Y	J
OBG-26S	7440-47-3	Chromium	10/31/2006	0.0013	mg/L	0	0	WG	WG	Y	J
OBG-27S	7440-47-3	Chromium	10/31/2006	0.0029	mg/L	0	0	WG	WG	Y	J
OBG-25S	7440-47-3	Chromium	11/1/2006	0.0015	mg/L	0	0	WG	WG	Y	J
MW-12	218-01-9	Chrysene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	218-01-9	Chrysene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	218-01-9	Chrysene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	218-01-9	Chrysene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	218-01-9	Chrysene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	218-01-9	Chrysene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	218-01-9	Chrysene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	218-01-9	Chrysene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	218-01-9	Chrysene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	156-59-2	cis-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	156-59-2	cis-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	156-59-2	cis-1,2-Dichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	156-59-2	cis-1,2-Dichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	156-59-2	cis-1,2-Dichloroethene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	156-59-2	cis-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	156-59-2	cis-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	156-59-2	cis-1,2-Dichloroethene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	156-59-2	cis-1,2-Dichloroethene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	156-59-2	cis-1,2-Dichloroethene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	10061-01-5	cis-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	10061-01-5	cis-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	10061-01-5	cis-1,3-Dichloropropene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	10061-01-5	cis-1,3-Dichloropropene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	10061-01-5	cis-1,3-Dichloropropene	11/1/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-26S	10061-01-5	cis-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	10061-01-5	cis-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	10061-01-5	cis-1,3-Dichloropropene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	10061-01-5	cis-1,3-Dichloropropene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	10061-01-5	cis-1,3-Dichloropropene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-48-4	Cobalt	10/31/2006	0.0013	mg/L	0	0	WG	WG	N	U
MW-13	7440-48-4	Cobalt	10/31/2006	0.0026	mg/L	0	0	WG	WG	Y	
OBG-1	7440-48-4	Cobalt	10/30/2006	0.0013	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-48-4	Cobalt	11/1/2006	0.0022	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-48-4	Cobalt	10/31/2006	0.0013	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-48-4	Cobalt	10/31/2006	0.002	mg/L	0	0	WG	WG	Y	
OBG-7A	7440-50-8	Copper	11/9/1999	0.0017	mg/L	4.6	9.6	WG	WG	Y	J
OBG-3	7440-50-8	Copper	11/10/1999	0.0031	mg/L	4.75	9.75	WG	WG	Y	J
OBG-5	7440-50-8	Copper	11/10/1999	0.0015	mg/L	4.79	9.79	WG	WG	Y	J
OBG-1	7440-50-8	Copper	10/30/2006	0.0187	mg/L	0	0	WG	WG	Y	B
MW-12	7440-50-8	Copper	10/31/2006	0.0057	mg/L	0	0	WG	WG	Y	
MW-13	7440-50-8	Copper	10/31/2006	0.0036	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-50-8	Copper	10/31/2006	0.0024	mg/L	0	0	WG	WG	Y	
OBG-27S	7440-50-8	Copper	10/31/2006	0.00088	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-50-8	Copper	11/1/2006	0.002	mg/L	0	0	WG	WG	Y	
MW-12	57-12-5	Cyanide (total)	10/31/2006	0.01	mg/L	0	0	WG	WG	N	UJ
MW-13	57-12-5	Cyanide (total)	10/31/2006	0.01	mg/L	0	0	WG	WG	N	UJ
OBG-1	57-12-5	Cyanide (total)	10/30/2006	0.01	mg/L	0	0	WG	WG	N	UJ
OBG-25S	57-12-5	Cyanide (total)	11/1/2006	0.01	mg/L	0	0	WG	WG	N	U
OBG-26S	57-12-5	Cyanide (total)	10/31/2006	0.01	mg/L	0	0	WG	WG	N	UJ
OBG-27S	57-12-5	Cyanide (total)	10/31/2006	0.01	mg/L	0	0	WG	WG	N	UJ
OBG-3	57-12-5	Cyanide (total)	11/10/1999	0.01	mg/L	4.75	9.75	WG	WG	N	U
OBG-5	57-12-5	Cyanide (total)	11/10/1999	0.01	mg/L	4.79	9.79	WG	WG	N	U
OBG-7A	57-12-5	Cyanide (total)	11/9/1999	0.01	mg/L	4.6	9.6	WG	WG	N	U
MW-12	53-70-3	Dibenz(a,h)anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	53-70-3	Dibenz(a,h)anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	53-70-3	Dibenz(a,h)anthracene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	53-70-3	Dibenz(a,h)anthracene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	53-70-3	Dibenz(a,h)anthracene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	53-70-3	Dibenz(a,h)anthracene	11/2/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-3	53-70-3	Dibenz(a,h)anthracene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	53-70-3	Dibenz(a,h)anthracene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	53-70-3	Dibenz(a,h)anthracene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	132-64-9	Dibenzofuran	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	132-64-9	Dibenzofuran	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	132-64-9	Dibenzofuran	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	132-64-9	Dibenzofuran	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	132-64-9	Dibenzofuran	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	132-64-9	Dibenzofuran	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	132-64-9	Dibenzofuran	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	132-64-9	Dibenzofuran	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	132-64-9	Dibenzofuran	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	124-48-1	Dibromochloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	124-48-1	Dibromochloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	124-48-1	Dibromochloromethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	124-48-1	Dibromochloromethane	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	124-48-1	Dibromochloromethane	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	124-48-1	Dibromochloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	124-48-1	Dibromochloromethane	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	124-48-1	Dibromochloromethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	124-48-1	Dibromochloromethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	124-48-1	Dibromochloromethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
OBG-3	75-71-8	Dichlorodifluoromethane	11/10/1999	10	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-71-8	Dichlorodifluoromethane	11/10/1999	10	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-71-8	Dichlorodifluoromethane	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	84-66-2	Diethyl phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	84-66-2	Diethyl phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	84-66-2	Diethyl phthalate	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	84-66-2	Diethyl phthalate	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	84-66-2	Diethyl phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	84-66-2	Diethyl phthalate	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	84-66-2	Diethyl phthalate	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	84-66-2	Diethyl phthalate	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	84-66-2	Diethyl phthalate	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	131-11-3	Dimethyl phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	131-11-3	Dimethyl phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	131-11-3	Dimethyl phthalate	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	131-11-3	Dimethyl phthalate	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	131-11-3	Dimethyl phthalate	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	131-11-3	Dimethyl phthalate	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	131-11-3	Dimethyl phthalate	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	131-11-3	Dimethyl phthalate	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	131-11-3	Dimethyl phthalate	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	84-74-2	Di-n-butylphthalate (DBP)	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	84-74-2	Di-n-butylphthalate (DBP)	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	84-74-2	Di-n-butylphthalate (DBP)	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	84-74-2	Di-n-butylphthalate (DBP)	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	84-74-2	Di-n-butylphthalate (DBP)	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	84-74-2	Di-n-butylphthalate (DBP)	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	84-74-2	Di-n-butylphthalate (DBP)	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	84-74-2	Di-n-butylphthalate (DBP)	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	84-74-2	Di-n-butylphthalate (DBP)	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	117-84-0	Di-n-octyl phthalate (DnOP)	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	117-84-0	Di-n-octyl phthalate (DnOP)	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	117-84-0	Di-n-octyl phthalate (DnOP)	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	117-84-0	Di-n-octyl phthalate (DnOP)	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	117-84-0	Di-n-octyl phthalate (DnOP)	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	117-84-0	Di-n-octyl phthalate (DnOP)	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	117-84-0	Di-n-octyl phthalate (DnOP)	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	117-84-0	Di-n-octyl phthalate (DnOP)	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	117-84-0	Di-n-octyl phthalate (DnOP)	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	100-41-4	Ethylbenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	100-41-4	Ethylbenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-1	100-41-4	Ethylbenzene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	100-41-4	Ethylbenzene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	100-41-4	Ethylbenzene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	100-41-4	Ethylbenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	100-41-4	Ethylbenzene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	100-41-4	Ethylbenzene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	100-41-4	Ethylbenzene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	100-41-4	Ethylbenzene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	206-44-0	Fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	206-44-0	Fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	206-44-0	Fluoranthene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	206-44-0	Fluoranthene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	206-44-0	Fluoranthene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	206-44-0	Fluoranthene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	206-44-0	Fluoranthene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	206-44-0	Fluoranthene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	206-44-0	Fluoranthene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	86-73-7	Fluorene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	86-73-7	Fluorene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	86-73-7	Fluorene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	86-73-7	Fluorene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	86-73-7	Fluorene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	86-73-7	Fluorene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	86-73-7	Fluorene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	86-73-7	Fluorene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	86-73-7	Fluorene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	118-74-1	Hexachlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	118-74-1	Hexachlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	118-74-1	Hexachlorobenzene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	118-74-1	Hexachlorobenzene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	118-74-1	Hexachlorobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	118-74-1	Hexachlorobenzene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	118-74-1	Hexachlorobenzene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	118-74-1	Hexachlorobenzene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	118-74-1	Hexachlorobenzene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	87-68-3	Hexachlorobutadiene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	87-68-3	Hexachlorobutadiene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	87-68-3	Hexachlorobutadiene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	87-68-3	Hexachlorobutadiene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	87-68-3	Hexachlorobutadiene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	87-68-3	Hexachlorobutadiene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	87-68-3	Hexachlorobutadiene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	87-68-3	Hexachlorobutadiene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	87-68-3	Hexachlorobutadiene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	77-47-4	Hexachlorocyclopentadiene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	77-47-4	Hexachlorocyclopentadiene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	77-47-4	Hexachlorocyclopentadiene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	77-47-4	Hexachlorocyclopentadiene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	77-47-4	Hexachlorocyclopentadiene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	77-47-4	Hexachlorocyclopentadiene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	77-47-4	Hexachlorocyclopentadiene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	77-47-4	Hexachlorocyclopentadiene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	77-47-4	Hexachlorocyclopentadiene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	67-72-1	Hexachloroethane	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	67-72-1	Hexachloroethane	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	67-72-1	Hexachloroethane	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	67-72-1	Hexachloroethane	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	67-72-1	Hexachloroethane	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	67-72-1	Hexachloroethane	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	67-72-1	Hexachloroethane	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	67-72-1	Hexachloroethane	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	67-72-1	Hexachloroethane	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	193-39-5	Indeno(1,2,3-cd)pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
MW-13	193-39-5	Indeno(1,2,3-cd)pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	193-39-5	Indeno(1,2,3-cd)pyrene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	193-39-5	Indeno(1,2,3-cd)pyrene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	193-39-5	Indeno(1,2,3-cd)pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	193-39-5	Indeno(1,2,3-cd)pyrene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	193-39-5	Indeno(1,2,3-cd)pyrene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	193-39-5	Indeno(1,2,3-cd)pyrene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	193-39-5	Indeno(1,2,3-cd)pyrene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7439-89-6	Iron	10/31/2006	0.146	mg/L	0	0	WG	WG	Y	
MW-13	7439-89-6	Iron	10/31/2006	0.655	mg/L	0	0	WG	WG	Y	
OBG-1	7439-89-6	Iron	10/30/2006	0.982	mg/L	0	0	WG	WG	Y	J
OBG-25S	7439-89-6	Iron	11/1/2006	0.657	mg/L	0	0	WG	WG	Y	
OBG-26S	7439-89-6	Iron	10/31/2006	0.449	mg/L	0	0	WG	WG	Y	
OBG-27S	7439-89-6	Iron	10/31/2006	36.6	mg/L	0	0	WG	WG	Y	
MW-12	78-59-1	Isophorone	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	78-59-1	Isophorone	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	78-59-1	Isophorone	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	78-59-1	Isophorone	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	78-59-1	Isophorone	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	78-59-1	Isophorone	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	78-59-1	Isophorone	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	78-59-1	Isophorone	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	78-59-1	Isophorone	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	7439-92-1	Lead	11/9/1999	0.0198	mg/L	4.6	9.6	WG	WG	Y	
OBG-3	7439-92-1	Lead	11/10/1999	0.0013	mg/L	4.75	9.75	WG	WG	N	U
OBG-5	7439-92-1	Lead	11/10/1999	0.0013	mg/L	4.79	9.79	WG	WG	N	U
OBG-1	7439-92-1	Lead	10/30/2006	0.0015	mg/L	0	0	WG	WG	N	U
MW-12	7439-92-1	Lead	10/31/2006	0.0015	mg/L	0	0	WG	WG	N	U
MW-13	7439-92-1	Lead	10/31/2006	0.0015	mg/L	0	0	WG	WG	N	U
OBG-26S	7439-92-1	Lead	10/31/2006	0.0015	mg/L	0	0	WG	WG	N	U
OBG-27S	7439-92-1	Lead	10/31/2006	0.0015	mg/L	0	0	WG	WG	N	U
OBG-25S	7439-92-1	Lead	11/1/2006	0.0015	mg/L	0	0	WG	WG	N	U
MW-12	M&P-XYLENE	m&p-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	M&P-XYLENE	m&p-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	M&P-XYLENE	m&p-Xylene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	M&P-XYLENE	m&p-Xylene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	M&P-XYLENE	m&p-Xylene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	M&P-XYLENE	m&p-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	M&P-XYLENE	m&p-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-12	7439-95-4	Magnesium	10/31/2006	44	mg/L	0	0	WG	WG	Y	
MW-13	7439-95-4	Magnesium	10/31/2006	57.5	mg/L	0	0	WG	WG	Y	
OBG-1	7439-95-4	Magnesium	10/30/2006	22.8	mg/L	0	0	WG	WG	Y	
OBG-25S	7439-95-4	Magnesium	11/1/2006	51.3	mg/L	0	0	WG	WG	Y	
OBG-26S	7439-95-4	Magnesium	10/31/2006	67.4	mg/L	0	0	WG	WG	Y	
OBG-27S	7439-95-4	Magnesium	10/31/2006	77.4	mg/L	0	0	WG	WG	Y	
MW-12	7439-96-5	Manganese	10/31/2006	0.0648	mg/L	0	0	WG	WG	Y	
MW-13	7439-96-5	Manganese	10/31/2006	2.81	mg/L	0	0	WG	WG	Y	
OBG-1	7439-96-5	Manganese	10/30/2006	0.205	mg/L	0	0	WG	WG	Y	J
OBG-25S	7439-96-5	Manganese	11/1/2006	0.774	mg/L	0	0	WG	WG	Y	
OBG-26S	7439-96-5	Manganese	10/31/2006	0.521	mg/L	0	0	WG	WG	Y	
OBG-27S	7439-96-5	Manganese	10/31/2006	1.75	mg/L	0	0	WG	WG	Y	
MW-12	7439-97-6	Mercury	10/31/2006	0.0001	mg/L	0	0	WG	WG	N	U
MW-13	7439-97-6	Mercury	10/31/2006	0.0001	mg/L	0	0	WG	WG	N	U
OBG-1	7439-97-6	Mercury	10/30/2006	0.0001	mg/L	0	0	WG	WG	N	U
OBG-25S	7439-97-6	Mercury	11/1/2006	0.0001	mg/L	0	0	WG	WG	N	U
OBG-26S	7439-97-6	Mercury	10/31/2006	0.0001	mg/L	0	0	WG	WG	N	U
OBG-27S	7439-97-6	Mercury	10/31/2006	0.0001	mg/L	0	0	WG	WG	N	U
MW-12	75-09-2	Methylene chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	75-09-2	Methylene chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	75-09-2	Methylene chloride	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	75-09-2	Methylene chloride	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	75-09-2	Methylene chloride	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-09-2	Methylene chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-27S	75-09-2	Methylene chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	75-09-2	Methylene chloride	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-7A	75-09-2	Methylene chloride	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	91-20-3	Naphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	91-20-3	Naphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	91-20-3	Naphthalene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	91-20-3	Naphthalene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	91-20-3	Naphthalene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	91-20-3	Naphthalene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	91-20-3	Naphthalene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	91-20-3	Naphthalene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	91-20-3	Naphthalene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	7440-02-0	Nickel	11/9/1999	0.0478	mg/L	4.6	9.6	WG	WG	Y	J
OBG-3	7440-02-0	Nickel	11/10/1999	0.0117	mg/L	4.75	9.75	WG	WG	Y	J
OBG-5	7440-02-0	Nickel	11/10/1999	0.0162	mg/L	4.79	9.79	WG	WG	Y	J
OBG-1	7440-02-0	Nickel	10/30/2006	0.0123	mg/L	0	0	WG	WG	Y	B
MW-12	7440-02-0	Nickel	10/31/2006	0.0203	mg/L	0	0	WG	WG	Y	
MW-13	7440-02-0	Nickel	10/31/2006	0.0118	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-02-0	Nickel	10/31/2006	0.0047	mg/L	0	0	WG	WG	Y	
OBG-27S	7440-02-0	Nickel	10/31/2006	0.004	mg/L	0	0	WG	WG	Y	
OBG-25S	7440-02-0	Nickel	11/1/2006	0.0038	mg/L	0	0	WG	WG	Y	
MW-12	98-95-3	Nitrobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	98-95-3	Nitrobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	98-95-3	Nitrobenzene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	98-95-3	Nitrobenzene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	98-95-3	Nitrobenzene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	98-95-3	Nitrobenzene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	98-95-3	Nitrobenzene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	98-95-3	Nitrobenzene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	98-95-3	Nitrobenzene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	621-64-7	N-Nitrosodi-n-propylamine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	621-64-7	N-Nitrosodi-n-propylamine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	621-64-7	N-Nitrosodi-n-propylamine	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	621-64-7	N-Nitrosodi-n-propylamine	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	621-64-7	N-Nitrosodi-n-propylamine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	621-64-7	N-Nitrosodi-n-propylamine	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	621-64-7	N-Nitrosodi-n-propylamine	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	621-64-7	N-Nitrosodi-n-propylamine	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	621-64-7	N-Nitrosodi-n-propylamine	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	86-30-6	N-Nitrosodiphenylamine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	86-30-6	N-Nitrosodiphenylamine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	86-30-6	N-Nitrosodiphenylamine	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	86-30-6	N-Nitrosodiphenylamine	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	86-30-6	N-Nitrosodiphenylamine	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	86-30-6	N-Nitrosodiphenylamine	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	86-30-6	N-Nitrosodiphenylamine	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	86-30-6	N-Nitrosodiphenylamine	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	86-30-6	N-Nitrosodiphenylamine	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	95-47-6	o-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	95-47-6	o-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	95-47-6	o-Xylene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	95-47-6	o-Xylene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	95-47-6	o-Xylene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	95-47-6	o-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	95-47-6	o-Xylene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-12	87-86-5	Pentachlorophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
MW-13	87-86-5	Pentachlorophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-1	87-86-5	Pentachlorophenol	10/30/2006	25	ug/L	0	0	WG	WG	N	U
OBG-25S	87-86-5	Pentachlorophenol	11/1/2006	25	ug/L	0	0	WG	WG	N	U
OBG-26S	87-86-5	Pentachlorophenol	10/31/2006	25	ug/L	0	0	WG	WG	N	U
OBG-27S	87-86-5	Pentachlorophenol	11/2/2006	25	ug/L	0	0	WG	WG	N	U
OBG-3	87-86-5	Pentachlorophenol	11/10/1999	26	ug/L	4.75	9.75	WG	WG	N	UJ
OBG-5	87-86-5	Pentachlorophenol	11/10/1999	28	ug/L	4.79	9.79	WG	WG	N	UJ

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-7A	87-86-5	Pentachlorophenol	11/9/1999	26	ug/L	4.6	9.6	WG	WG	N	U
MW-12	85-01-8	Phenanthrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	85-01-8	Phenanthrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	85-01-8	Phenanthrene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	85-01-8	Phenanthrene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	85-01-8	Phenanthrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	85-01-8	Phenanthrene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	85-01-8	Phenanthrene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	85-01-8	Phenanthrene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	85-01-8	Phenanthrene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	108-95-2	Phenol	10/31/2006	10	ug/L	0	0	WG	WG	N	UJ
MW-13	108-95-2	Phenol	10/31/2006	10	ug/L	0	0	WG	WG	N	UJ
OBG-1	108-95-2	Phenol	10/30/2006	10	ug/L	0	0	WG	WG	N	UJ
OBG-25S	108-95-2	Phenol	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	108-95-2	Phenol	10/31/2006	10	ug/L	0	0	WG	WG	N	UJ
OBG-27S	108-95-2	Phenol	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	108-95-2	Phenol	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	108-95-2	Phenol	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	108-95-2	Phenol	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-09-7	Potassium	10/31/2006	5.23	mg/L	0	0	WG	WG	Y	
MW-13	7440-09-7	Potassium	10/31/2006	3.47	mg/L	0	0	WG	WG	Y	
OBG-1	7440-09-7	Potassium	10/30/2006	6.5	mg/L	0	0	WG	WG	Y	
OBG-25S	7440-09-7	Potassium	11/1/2006	16.3	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-09-7	Potassium	10/31/2006	14.4	mg/L	0	0	WG	WG	Y	
OBG-27S	7440-09-7	Potassium	10/31/2006	10.9	mg/L	0	0	WG	WG	Y	
MW-12	129-00-0	Pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
MW-13	129-00-0	Pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-1	129-00-0	Pyrene	10/30/2006	10	ug/L	0	0	WG	WG	N	U
OBG-25S	129-00-0	Pyrene	11/1/2006	10	ug/L	0	0	WG	WG	N	U
OBG-26S	129-00-0	Pyrene	10/31/2006	10	ug/L	0	0	WG	WG	N	U
OBG-27S	129-00-0	Pyrene	11/2/2006	10	ug/L	0	0	WG	WG	N	U
OBG-3	129-00-0	Pyrene	11/10/1999	11	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	129-00-0	Pyrene	11/10/1999	11	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	129-00-0	Pyrene	11/9/1999	10	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7782-49-2	Selenium	10/31/2006	0.0046	mg/L	0	0	WG	WG	N	U
MW-13	7782-49-2	Selenium	10/31/2006	0.0017	mg/L	0	0	WG	WG	N	U
OBG-1	7782-49-2	Selenium	10/30/2006	0.0017	mg/L	0	0	WG	WG	N	U
OBG-25S	7782-49-2	Selenium	11/1/2006	0.0034	mg/L	0	0	WG	WG	N	U
OBG-26S	7782-49-2	Selenium	10/31/2006	0.0017	mg/L	0	0	WG	WG	N	U
OBG-27S	7782-49-2	Selenium	10/31/2006	0.0017	mg/L	0	0	WG	WG	N	U
MW-12	7440-22-4	Silver	10/31/2006	0.00038	mg/L	0	0	WG	WG	N	U
MW-13	7440-22-4	Silver	10/31/2006	0.00038	mg/L	0	0	WG	WG	N	U
OBG-1	7440-22-4	Silver	10/30/2006	0.00038	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-22-4	Silver	11/1/2006	0.00038	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-22-4	Silver	10/31/2006	0.00038	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-22-4	Silver	10/31/2006	0.00038	mg/L	0	0	WG	WG	N	U
MW-12	7440-23-5	Sodium	10/31/2006	5.63	mg/L	0	0	WG	WG	Y	J
MW-13	7440-23-5	Sodium	10/31/2006	85.7	mg/L	0	0	WG	WG	Y	J
OBG-1	7440-23-5	Sodium	10/30/2006	83.5	mg/L	0	0	WG	WG	Y	J
OBG-25S	7440-23-5	Sodium	11/1/2006	161	mg/L	0	0	WG	WG	Y	J
OBG-26S	7440-23-5	Sodium	10/31/2006	72.4	mg/L	0	0	WG	WG	Y	J
OBG-27S	7440-23-5	Sodium	10/31/2006	89.9	mg/L	0	0	WG	WG	Y	J
MW-12	100-42-5	Styrene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	100-42-5	Styrene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	100-42-5	Styrene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	100-42-5	Styrene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	100-42-5	Styrene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	100-42-5	Styrene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	100-42-5	Styrene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-12	127-18-4	Tetrachloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	127-18-4	Tetrachloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	127-18-4	Tetrachloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	127-18-4	Tetrachloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
OBG-25S	127-18-4	Tetrachloroethene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	127-18-4	Tetrachloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	127-18-4	Tetrachloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	127-18-4	Tetrachloroethene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	127-18-4	Tetrachloroethene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	127-18-4	Tetrachloroethene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-28-0	Thallium	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
MW-13	7440-28-0	Thallium	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
OBG-1	7440-28-0	Thallium	10/30/2006	0.0029	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-28-0	Thallium	11/1/2006	0.0029	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-28-0	Thallium	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-28-0	Thallium	10/31/2006	0.0029	mg/L	0	0	WG	WG	N	U
MW-12	108-88-3	Toluene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	108-88-3	Toluene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	108-88-3	Toluene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	108-88-3	Toluene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	108-88-3	Toluene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	108-88-3	Toluene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	108-88-3	Toluene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	108-88-3	Toluene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-7A	108-88-3	Toluene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
OBG-4	1336-36-3	Total PCBs	12/3/1986	0.5	ug/L	5.4	10.4	WG	WG	Y	
OBG-7B	1336-36-3	Total PCBs	12/3/1986	0.5	ug/L	4.4	9.4	WG	WG	Y	
OBG-7C	1336-36-3	Total PCBs	12/3/1986	1	ug/L	4.9	9.9	WG	WG	Y	
MW-12	156-60-5	trans-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	156-60-5	trans-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	156-60-5	trans-1,2-Dichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	156-60-5	trans-1,2-Dichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	156-60-5	trans-1,2-Dichloroethene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	156-60-5	trans-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	156-60-5	trans-1,2-Dichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	156-60-5	trans-1,2-Dichloroethene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	156-60-5	trans-1,2-Dichloroethene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	156-60-5	trans-1,2-Dichloroethene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	10061-02-6	trans-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	10061-02-6	trans-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	10061-02-6	trans-1,3-Dichloropropene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	10061-02-6	trans-1,3-Dichloropropene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	10061-02-6	trans-1,3-Dichloropropene	11/1/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-26S	10061-02-6	trans-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	10061-02-6	trans-1,3-Dichloropropene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	10061-02-6	trans-1,3-Dichloropropene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	10061-02-6	trans-1,3-Dichloropropene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	10061-02-6	trans-1,3-Dichloropropene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	79-01-6	Trichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	79-01-6	Trichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	79-01-6	Trichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	79-01-6	Trichloroethene	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	79-01-6	Trichloroethene	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	79-01-6	Trichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	79-01-6	Trichloroethene	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	79-01-6	Trichloroethene	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	79-01-6	Trichloroethene	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	79-01-6	Trichloroethene	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
OBG-3	75-69-4	Trichlorofluoromethane	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-69-4	Trichlorofluoromethane	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-69-4	Trichlorofluoromethane	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	7440-62-2	Vanadium	10/31/2006	0.0014	mg/L	0	0	WG	WG	N	U
MW-13	7440-62-2	Vanadium	10/31/2006	0.0014	mg/L	0	0	WG	WG	N	U
OBG-1	7440-62-2	Vanadium	10/30/2006	0.0014	mg/L	0	0	WG	WG	N	U
OBG-25S	7440-62-2	Vanadium	11/1/2006	0.0014	mg/L	0	0	WG	WG	N	U
OBG-26S	7440-62-2	Vanadium	10/31/2006	0.0014	mg/L	0	0	WG	WG	N	U
OBG-27S	7440-62-2	Vanadium	10/31/2006	0.0018	mg/L	0	0	WG	WG	Y	

Appendix B, Table B-4
RACER-Trust - Former IFG Facility
Fish and Wildlife Impact Analysis
Dataset- Shallow Groundwater

Sample Location	CAS Number	Chemical	Sample Date	Concentration	Unit	Start Depth (feet)	End Depth (feet)	Sample Type Code	Sample Matrix	Detect Flag	Interpreted Qualifier
MW-12	75-01-4	Vinyl chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
MW-13	75-01-4	Vinyl chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-1	75-01-4	Vinyl chloride	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-2	75-01-4	Vinyl chloride	10/30/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-25S	75-01-4	Vinyl chloride	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	75-01-4	Vinyl chloride	10/31/2006	4	ug/L	0	0	WG	WG	Y	J
OBG-27S	75-01-4	Vinyl chloride	10/31/2006	2	ug/L	0	0	WG	WG	N	UJ
OBG-3	75-01-4	Vinyl chloride	11/10/1999	1	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	75-01-4	Vinyl chloride	11/10/1999	1	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	75-01-4	Vinyl chloride	11/9/1999	1	ug/L	4.6	9.6	WG	WG	N	U
MW-12	1330-20-7	Xylene (total)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
MW-13	1330-20-7	Xylene (total)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-1	1330-20-7	Xylene (total)	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-2	1330-20-7	Xylene (total)	10/30/2006	2	ug/L	0	0	WG	WG	N	U
OBG-25S	1330-20-7	Xylene (total)	11/1/2006	2	ug/L	0	0	WG	WG	N	U
OBG-26S	1330-20-7	Xylene (total)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-27S	1330-20-7	Xylene (total)	10/31/2006	2	ug/L	0	0	WG	WG	N	U
OBG-3	1330-20-7	Xylene (total)	11/10/1999	3	ug/L	4.75	9.75	WG	WG	N	U
OBG-5	1330-20-7	Xylene (total)	11/10/1999	3	ug/L	4.79	9.79	WG	WG	N	U
OBG-7A	1330-20-7	Xylene (total)	11/9/1999	3	ug/L	4.6	9.6	WG	WG	N	U
OBG-7A	7440-66-6	Zinc	11/9/1999	2.28	mg/L	4.6	9.6	WG	WG	Y	
OBG-3	7440-66-6	Zinc	11/10/1999	0.461	mg/L	4.75	9.75	WG	WG	Y	
OBG-5	7440-66-6	Zinc	11/10/1999	0.532	mg/L	4.79	9.79	WG	WG	Y	
OBG-1	7440-66-6	Zinc	10/30/2006	0.0235	mg/L	0	0	WG	WG	Y	J
MW-12	7440-66-6	Zinc	10/31/2006	0.0671	mg/L	0	0	WG	WG	Y	
MW-13	7440-66-6	Zinc	10/31/2006	0.0174	mg/L	0	0	WG	WG	Y	
OBG-26S	7440-66-6	Zinc	10/31/2006	0.0117	mg/L	0	0	WG	WG	Y	
OBG-27S	7440-66-6	Zinc	10/31/2006	0.0129	mg/L	0	0	WG	WG	Y	
OBG-25S	7440-66-6	Zinc	11/1/2006	0.0125	mg/L	0	0	WG	WG	Y	

Table B-5: Table 4-4 from 2010 Supplemental RI – Site-specific Background Data

Table 4-4
RACER Trust - Former IFG Facility
Syracuse, New York
Revised Remedial Investigation/Feasibility Study

Table 4-4: Soil Data Summary - Site-Related Metals

					Location Group	GM SW_Prop	GM SW_Prop	GM SW_Prop	GM SW_Prop	GM SW_Prop	GM SW_Prop	GM SE_Prop
					Sample Location	OBG-TB-1-03	OBG-TB-1-03	OBG-TB-1-03	OBG-TB-1-03	OBG-TB-20	OBG-TB-20	OBG-TB-2-03
					Sample Date	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/18/1999	10/18/1999	10/8/2003
					Start Depth (ft)	0	1	3	5	2	4	0
					End Depth (ft)	1	3	5	7	4	6	1
Chemical Name	**POGW**	*Unres*	Com	Ind								
Arsenic	16	13	16	16	2.7	2.8	1.9	4.7	2.1	2.3	6.7
Chromium	NS	30	1500	6800	8.5	6.8	5.8	20.3	7.4	7.9	19.4
Copper	1720	50	270	10000	17.3	20.6	14.6	20.6	16.5	16	28.3
Lead	450	63	1000	3900	6.5	5.6	3.1	9.3	2.8	3.5	45.1
Nickel	130	30	310	10000	10.9	8.9	5.8	22.1	12.7	12.9	21.3
Zinc	2480	109	10000	10000	23.7	19.9	14.3	53.2	14	16.6	106

Notes: See last page

Table B-6: ProUCL Raw Data Output for Surface Soil COPCs

General UCL Statistics for Data Sets with Non-Detects

User Selected Options

From File	WorkSheet.wst and Sheet2.wst
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Chromium (Revised)

General Statistics

Number of Valid Observations	22	Number of Distinct Observations	22

Raw Statistics

Minimum	9.4
Maximum	29.5
Mean	17.21
Geometric Mean	16.3
Median	16
SD	5.894
Std. Error of Mean	1.257
Coefficient of Variation	0.343
Skewness	0.651

Log-transformed Statistics

Minimum of Log Data	2.241
Maximum of Log Data	3.384
Mean of log Data	2.791
SD of log Data	0.335

Relevant UCL Statistics

Normal Distribution Test

Shapiro Wilk Test Statistic	0.924
Shapiro Wilk Critical Value	0.911

Data appear Normal at 5% Significance Level

Lognormal Distribution Test

Shapiro Wilk Test Statistic	0.954
Shapiro Wilk Critical Value	0.911

Data appear Lognormal at 5% Significance Level

Assuming Normal Distribution

95% Student's-t UCL	19.37

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	19.46
95% Modified-t UCL (Johnson-1978)	19.4

Assuming Lognormal Distribution

95% H-UCL	19.76
95% Chebyshev (MVUE) UCL	22.65
97.5% Chebyshev (MVUE) UCL	25.01
99% Chebyshev (MVUE) UCL	29.65

Gamma Distribution Test

k star (bias corrected)	8.141
Theta Star	2.114
MLE of Mean	17.21
MLE of Standard Deviation	6.031
nu star	358.2
Approximate Chi Square Value (.05)	315.3
Adjusted Level of Significance	0.0386
Adjusted Chi Square Value	312.3
Anderson-Darling Test Statistic	0.453
Anderson-Darling 5% Critical Value	0.744
Kolmogorov-Smirnov Test Statistic	0.144
Kolmogorov-Smirnov 5% Critical Value	0.185

Data Distribution

Data appear Normal at 5% Significance Level

Nonparametric Statistics

95% CLT UCL	19.28
95% Jackknife UCL	19.37
95% Standard Bootstrap UCL	19.21
95% Bootstrap-t UCL	19.74
95% Hall's Bootstrap UCL	19.42
95% Percentile Bootstrap UCL	19.2
95% BCA Bootstrap UCL	19.55

Data appear Gamma Distributed at 5% Significance Level

95% Chebyshev(Mean, Sd) UCL	22.69
97.5% Chebyshev(Mean, Sd) UCL	25.06
99% Chebyshev(Mean, Sd) UCL	29.71

Assuming Gamma Distribution

95% Approximate Gamma UCL (Use when n >= 40)	19.55
95% Adjusted Gamma UCL (Use when n < 40)	19.74

Potential UCL to Use

Use 95% Student's-t UCL 19.37

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Copper

General Statistics

Number of Valid Observations	22	Number of Distinct Observations	21

Raw Statistics

Minimum	11.5
Maximum	29.5
Mean	19.8
Median	18.85
SD	4.929
Std. Error of Mean	1.051
Coefficient of Variation	0.249
Skewness	0.361

Log-transformed Statistics

Minimum of Log Data	2.442
Maximum of Log Data	3.384
Mean of log Data	2.955
SD of log Data	0.253

Relevant UCL Statistics

Normal Distribution Test

Shapiro Wilk Test Statistic	0.96
Shapiro Wilk Critical Value	0.911

Data appear Normal at 5% Significance Level

Lognormal Distribution Test

Shapiro Wilk Test Statistic	0.97
Shapiro Wilk Critical Value	0.911

Data appear Lognormal at 5% Significance Level

Assuming Normal Distribution

95% Student's-t UCL 21.6

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	21.61
95% Modified-t UCL (Johnson-1978)	21.62

Assuming Lognormal Distribution

95% H-UCL	21.91
95% Chebyshev (MVUE) UCL	24.5
97.5% Chebyshev (MVUE) UCL	26.54
99% Chebyshev (MVUE) UCL	30.53

Gamma Distribution Test

k star (bias corrected)	14.56
Theta Star	1.359
MLE of Mean	19.8
MLE of Standard Deviation	5.188
nu star	640.7

Data Distribution

Data appear Normal at 5% Significance Level

Approximate Chi Square Value (.05)	583
Adjusted Level of Significance	0.0386
Adjusted Chi Square Value	578.9
Anderson-Darling Test Statistic	0.284
Anderson-Darling 5% Critical Value	0.741
Kolmogorov-Smirnov Test Statistic	0.12
Kolmogorov-Smirnov 5% Critical Value	0.185

Data appear Gamma Distributed at 5% Significance Level

Assuming Gamma Distribution

95% Approximate Gamma UCL	21.76
95% Adjusted Gamma UCL	21.91

Nonparametric Statistics

95% CLT UCL	21.52
95% Jackknife UCL	21.6
95% Standard Bootstrap UCL	21.48
95% Bootstrap-t UCL	21.62
95% Hall's Bootstrap UCL	21.65
95% Percentile Bootstrap UCL	21.49
95% BCA Bootstrap UCL	21.55
95% Chebyshev(Mean, Sd) UCL	24.38
97.5% Chebyshev(Mean, Sd) UCL	26.36
99% Chebyshev(Mean, Sd) UCL	30.25

Potential UCL to Use

Use 95% Student's-t UCL 21.6

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Lead

General Statistics

Number of Valid Observations	22	Number of Distinct Observations	21

Raw Statistics

Minimum	4.8
Maximum	23.3
Mean	10.1
Median	9
SD	4.715
Std. Error of Mean	1.005
Coefficient of Variation	0.467
Skewness	1.883

Log-transformed Statistics

Minimum of Log Data	1.569
Maximum of Log Data	3.148
Mean of log Data	2.232
SD of log Data	0.387

Relevant UCL Statistics

Normal Distribution Test

Shapiro Wilk Test Statistic	0.759
Shapiro Wilk Critical Value	0.911

Data not Normal at 5% Significance Level

Assuming Normal Distribution

95% Student's-t UCL	11.83

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	12.18
95% Modified-t UCL (Johnson-1978)	11.89

Gamma Distribution Test

k star (bias corrected)	5.585

Lognormal Distribution Test

Shapiro Wilk Test Statistic	0.907
Shapiro Wilk Critical Value	0.911

Data not Lognormal at 5% Significance Level

Assuming Lognormal Distribution

95% H-UCL	11.8
95% Chebyshev (MVUE) UCL	13.69
97.5% Chebyshev (MVUE) UCL	15.29
99% Chebyshev (MVUE) UCL	18.42

Data Distribution

Data do not follow a Discernable Distribution (0.05)

Theta Star	1.807
MLE of Mean	10.1
MLE of Standard Deviation	4.272
nu star	245.8
Approximate Chi Square Value (.05)	210.5
Adjusted Level of Significance	0.0386
Adjusted Chi Square Value	208
Anderson-Darling Test Statistic	1.223
Anderson-Darling 5% Critical Value	0.746
Kolmogorov-Smirnov Test Statistic	0.23
Kolmogorov-Smirnov 5% Critical Value	0.186

Data not Gamma Distributed at 5% Significance Level

Assuming Gamma Distribution

95% Approximate Gamma UCL	11.79
95% Adjusted Gamma UCL	11.93

Nonparametric Statistics

95% CLT UCL	11.75
95% Jackknife UCL	11.83
95% Standard Bootstrap UCL	11.72
95% Bootstrap-t UCL	12.91
95% Hall's Bootstrap UCL	12.92
95% Percentile Bootstrap UCL	11.85
95% BCA Bootstrap UCL	12.15
95% Chebyshev(Mean, Sd) UCL	14.48
97.5% Chebyshev(Mean, Sd) UCL	16.37
99% Chebyshev(Mean, Sd) UCL	20.1

Potential UCL to Use

Use 95% Student's-t UCL	11.83
or 95% Modified-t UCL	11.89

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Nickel

General Statistics

Number of Valid Observations	22	Number of Distinct Observations	22

Raw Statistics

Minimum	10
Maximum	46.8
Mean	19.5
Median	18.05
SD	8.433
Std. Error of Mean	1.798
Coefficient of Variation	0.432
Skewness	1.849

Log-transformed Statistics

Minimum of Log Data	2.303
Maximum of Log Data	3.846
Mean of log Data	2.899
SD of log Data	0.373

Relevant UCL Statistics

Normal Distribution Test

Shapiro Wilk Test Statistic	0.835
Shapiro Wilk Critical Value	0.911

Data not Normal at 5% Significance Level

Assuming Normal Distribution

95% Student's-t UCL	22.6

95% UCLs (Adjusted for Skewness)

Lognormal Distribution Test

Shapiro Wilk Test Statistic	0.961
Shapiro Wilk Critical Value	0.911

Data appear Lognormal at 5% Significance Level

Assuming Lognormal Distribution

95% H-UCL	22.7
95% Chebyshev (MVUE) UCL	26.27

95% Adjusted-CLT UCL (Chen-1995)	23.22	97.5% Chebyshev (MVUE) UCL	29.25
95% Modified-t UCL (Johnson-1978)	22.72	99% Chebyshev (MVUE) UCL	35.1

Gamma Distribution Test

k star (bias corrected)	6.17
Theta Star	3.161
MLE of Mean	19.5
MLE of Standard Deviation	7.852
nu star	271.5
Approximate Chi Square Value (.05)	234.3
Adjusted Level of Significance	0.0386
Adjusted Chi Square Value	231.7
Anderson-Darling Test Statistic	0.484
Anderson-Darling 5% Critical Value	0.745
Kolmogorov-Smirnov Test Statistic	0.162
Kolmogorov-Smirnov 5% Critical Value	0.186

Data appear Gamma Distributed at 5% Significance Level

Assuming Gamma Distribution

95% Approximate Gamma UCL	22.6
95% Adjusted Gamma UCL	22.85

Data Distribution

Data appear Gamma Distributed at 5% Significance Level

Nonparametric Statistics

95% CLT UCL	22.46
95% Jackknife UCL	22.6
95% Standard Bootstrap UCL	22.38
95% Bootstrap-t UCL	23.75
95% Hall's Bootstrap UCL	25.2
95% Percentile Bootstrap UCL	22.53
95% BCA Bootstrap UCL	23.05
95% Chebyshev(Mean, Sd) UCL	27.34
97.5% Chebyshev(Mean, Sd) UCL	30.73
99% Chebyshev(Mean, Sd) UCL	37.39

Potential UCL to Use

Use 95% Approximate Gamma UCL 22.6

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Zinc

General Statistics

Number of Valid Observations	22	Number of Distinct Observations	22

Raw Statistics

Minimum	29.3
Maximum	105
Mean	53.62
Median	47.2
SD	18.47
Std. Error of Mean	3.938
Coefficient of Variation	0.344
Skewness	1.322

Log-transformed Statistics

Minimum of Log Data	3.378
Maximum of Log Data	4.654
Mean of log Data	3.932
SD of log Data	0.314

Relevant UCL Statistics

Normal Distribution Test

Shapiro Wilk Test Statistic	0.861
Shapiro Wilk Critical Value	0.911

Data not Normal at 5% Significance Level

Lognormal Distribution Test

Shapiro Wilk Test Statistic	0.936
Shapiro Wilk Critical Value	0.911

Data appear Lognormal at 5% Significance Level

Assuming Normal Distribution

95% Student's-t UCL	60.39

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	61.28
95% Modified-t UCL (Johnson-1978)	60.58

Gamma Distribution Test

k star (bias corrected)	8.897
Theta Star	6.027
MLE of Mean	53.62
MLE of Standard Deviation	17.98
nu star	391.4
Approximate Chi Square Value (.05)	346.6
Adjusted Level of Significance	0.0386
Adjusted Chi Square Value	343.4
Anderson-Darling Test Statistic	0.935
Anderson-Darling 5% Critical Value	0.744
Kolmogorov-Smirnov Test Statistic	0.221
Kolmogorov-Smirnov 5% Critical Value	0.185

Data not Gamma Distributed at 5% Significance Level

Assuming Gamma Distribution

95% Approximate Gamma UCL	60.56
95% Adjusted Gamma UCL	61.11

Potential UCL to Use

Assuming Lognormal Distribution

95% H-UCL	60.83
95% Chebyshev (MVUE) UCL	69.31
97.5% Chebyshev (MVUE) UCL	76.16
99% Chebyshev (MVUE) UCL	89.62

Data Distribution

Data appear Lognormal at 5% Significance Level

Nonparametric Statistics

95% CLT UCL	60.1
95% Jackknife UCL	60.39
95% Standard Bootstrap UCL	59.92
95% Bootstrap-t UCL	62.56
95% Hall's Bootstrap UCL	61.84
95% Percentile Bootstrap UCL	60.29
95% BCA Bootstrap UCL	61.09
95% Chebyshev(Mean, Sd) UCL	70.78
97.5% Chebyshev(Mean, Sd) UCL	78.21
99% Chebyshev(Mean, Sd) UCL	92.8

Use 95% Student's-t UCL	60.39
or 95% Modified-t UCL	60.58
or 95% H-UCL	60.83

ProUCL computes and outputs H-statistic based UCLs for historical reasons only.
H-statistic often results in unstable (both high and low) values of UCL95 as shown in examples in the Technical Guide.
It is therefore recommended to avoid the use of H-statistic based 95% UCLs.
Use of nonparametric methods are preferred to compute UCL95 for skewed data sets which do not follow a gamma distribution.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Data Summary and Screening of Non-detected Constituents

Table C-1 – Screening of Surface Soil Detection Limits

Table C-2 – Screening of Surface Water Detection Limits

Table C-1
RACER Trust
Screening of Surface Soil Detection Limits

Parameter Code	Parameter Name	Detection Limit (mg/kg)	Screening Criteria								Min Criteria (mg/kg)	Does detection limit exceed criteria?
			NYSDEC PART 375 Table 6.8(b) Restricted Use Soil Cleanup Objectives[a] (mg/kg)	USEPA Ecological Soil Screening Levels - Plants[b] (mg/kg)	USEPA Ecological Soil Screening Levels - Invertebrates[b] (mg/kg)	USEPA Ecological Soil Screening Levels - Aves[b] (mg/kg)	USEPA Ecological Soil Screening Levels - Mammals[b] (mg/kg)	Micro-organisms and Microbial processes[c] (mg/kg)	Earthworms[c] (mg/kg)	Terrestrial Plants[d] (mg/kg)		
SVOCs												
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.35	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.36	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.37	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.38	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.39	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.39	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.4	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.41	-	-	-	-	-	-	-	100	100	No
84-66-2	2,2'-Oxybis(1-chloropropane) (bis(2-chloroisopropyl) ether)	0.43	-	-	-	-	-	-	-	100	100	No
95-95-4	2,4,5-Trichlorophenol	1.7	-	-	-	-	-	-	9	4	4	No
95-95-4	2,4,5-Trichlorophenol	1.8	-	-	-	-	-	-	9	4	4	No
95-95-4	2,4,5-Trichlorophenol	1.9	-	-	-	-	-	-	9	4	4	No
95-95-4	2,4,5-Trichlorophenol	2	-	-	-	-	-	-	9	4	4	No
95-95-4	2,4,5-Trichlorophenol	2.2	-	-	-	-	-	-	9	4	4	No
88-06-2	2,4,6-Trichlorophenol	0.34	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.35	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.36	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.37	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.38	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.39	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.4	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.41	-	-	-	-	-	-	10	-	10	No
88-06-2	2,4,6-Trichlorophenol	0.43	-	-	-	-	-	-	10	-	10	No
51-28-5	2,4-Dinitrophenol	1.7	-	-	-	-	-	-	-	20	20	No
51-28-5	2,4-Dinitrophenol	1.8	-	-	-	-	-	-	-	20	20	No
51-28-5	2,4-Dinitrophenol	1.9	-	-	-	-	-	-	-	20	20	No
51-28-5	2,4-Dinitrophenol	2	-	-	-	-	-	-	-	20	20	No
51-28-5	2,4-Dinitrophenol	2.2	-	-	-	-	-	-	-	20	20	No
106-47-8	4-Chloroaniline	0.34	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.35	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.36	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.37	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.38	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.39	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.4	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.41	-	-	-	-	-	-	100	-	100	No
106-47-8	4-Chloroaniline	0.43	-	-	-	-	-	-	100	-	100	No
100-02-7	4-Nitrophenol	1.7	-	-	-	-	-	-	7	-	7	No
100-02-7	4-Nitrophenol	1.8	-	-	-	-	-	-	7	-	7	No
100-02-7	4-Nitrophenol	1.9	-	-	-	-	-	-	7	-	7	No
100-02-7	4-Nitrophenol	2	-	-	-	-	-	-	7	-	7	No
100-02-7	4-Nitrophenol	2.2	-	-	-	-	-	-	7	-	7	No
83-32-9	Acenaphthene	0.34	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.35	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.36	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.37	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.38	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.39	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.4	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.41	20	NV	29	NV	100	-	-	20	20	No
83-32-9	Acenaphthene	0.43	20	NV	29	NV	100	-	-	20	20	No
84-66-2	Diethyl phthalate	0.34	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.35	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.36	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.37	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.38	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.39	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.4	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.41	-	-	-	-	-	-	-	100	100	No
84-66-2	Diethyl phthalate	0.43	-	-	-	-	-	-	-	100	100	No
131-11-3	Dimethyl phthalate	0.34	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.35	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.36	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.37	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.38	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.39	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.4	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.41	-	-	-	-	-	-	200	-	200	No
131-11-3	Dimethyl phthalate	0.43	-	-	-	-	-	-	200	-	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.34	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.35	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.36	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.37	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.38	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.39	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.4	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.41	-	-	-	-	-	-	-	200	200	No
84-74-2	Di-n-butylphthalate (DBP)	0.43	-	-	-	-	-	-	-	200	200	No
86-73-7	Fluorene	0.34	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.35	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.36	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.37	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.38	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.39	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.4	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.41	30	NV	29	NV	100	-	30	-	29	No
86-73-7	Fluorene	0.43	30	NV	29	NV	100	-	30	-	29	No
118-74-1	Hexachlorobenzene	0.34	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.35	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.36	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.37	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.38	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.39	-	-	-	-	-	1000	-	-	1000	No

Parameter Code	Parameter Name	Detection Limit (mg/kg)	Screening Criteria								Min Criteria (mg/kg)	Does detection limit exceed criteria?
			NYSDEC PART 375 Table 6.8(b) Restricted Use Soil Cleanup Objectives[a] (mg/kg)	USEPA Ecological Soil Screening Levels - Plants[b] (mg/kg)	USEPA Ecological Soil Screening Levels - Invertebrates[b] (mg/kg)	USEPA Ecological Soil Screening Levels - Aves[b] (mg/kg)	USEPA Ecological Soil Screening Levels - Mammals[b] (mg/kg)	Micro-organisms and Microbial processes[c] (mg/kg)	Earthworms[c] (mg/kg)	Terrestrial Plants[d] (mg/kg)		
SVOCs												
118-74-1	Hexachlorobenzene	0.4	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.41	-	-	-	-	-	1000	-	-	1000	No
118-74-1	Hexachlorobenzene	0.43	-	-	-	-	-	1000	-	-	1000	No
77-47-4	Hexachlorocyclopentadiene	0.34	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.35	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.36	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.37	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.38	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.39	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.4	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.41	-	-	-	-	-	-	-	10	10	No
77-47-4	Hexachlorocyclopentadiene	0.43	-	-	-	-	-	-	-	10	10	No
98-95-3	Nitrobenzene	0.34	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.35	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.36	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.37	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.38	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.39	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.4	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.41	-	-	-	-	-	1000	40	-	40	No
98-95-3	Nitrobenzene	0.43	-	-	-	-	-	1000	40	-	40	No
86-30-6	N-Nitrosodiphenylamine	0.34	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.35	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.36	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.37	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.38	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.39	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.4	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.41	-	-	-	-	-	-	20	-	20	No
86-30-6	N-Nitrosodiphenylamine	0.43	-	-	-	-	-	-	20	-	20	No
87-86-5	Pentachlorophenol	1.7	**0.8**	5	31	2.1	2.8	400	6	3	0.8	Yes
87-86-5	Pentachlorophenol	1.8	**0.8**	5	31	2.1	2.8	400	6	3	0.8	Yes
87-86-5	Pentachlorophenol	1.9	**0.8**	5	31	2.1	2.8	400	6	3	0.8	Yes
87-86-5	Pentachlorophenol	2	**0.8**	5	31	2.1	2.8	400	6	3	0.8	Yes
87-86-5	Pentachlorophenol	2.2	**0.8**	5	31	**2.1**	2.8	400	6	3	0.8	Yes
VOCs												
120-82-1	1,2,4-Trichlorobenzene	0.34	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.35	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.36	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.37	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.38	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.39	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.4	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.41	-	-	-	-	-	-	20	-	20	No
120-82-1	1,2,4-Trichlorobenzene	0.43	-	-	-	-	-	-	20	-	20	No
107-06-2	1,2-Dichloroethane	0.003	10	-	-	-	-	-	-	-	10	No
78-87-5	1,2-Dichloropropane	0.003	-	-	-	-	-	-	700	-	700	No
106-46-7	1,4-Dichlorobenzene	0.34	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.35	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.36	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.37	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.38	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.39	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.4	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.41	20	-	-	-	-	-	20	-	20	No
106-46-7	1,4-Dichlorobenzene	0.43	20	-	-	-	-	-	20	-	20	No
56-23-5	Carbon tetrachloride	0.003	-	-	-	-	-	1000	-	-	1000	No
108-90-7	Chlorobenzene	0.003	40	-	-	-	-	-	40	-	40	No
67-66-3	Chloroform (Trichloromethane)	0.003	12	-	-	-	-	-	-	-	12	No
100-42-5	Styrene	0.003	-	-	-	-	-	-	-	300	300	No

Notes:
Constituents in soil samples exhibiting no detection at least one time and having a screening criteria are included in this summary. Data are sorted by class, name, and then detection limit (duplicates removed).
a: Screening values are from NYSDEC, 2006 (6 NYCRR Subpart 375-6) Remedial Program Soil Cleanup Objectives.
b: Screening values are from USEPA, 2010.
c: Screening values are from Efroymson *et al*. 1997b.
d: Screening values are from Efroymson *et al*. 1997a.

Table C-2
RACER Trust
Screening of Surface Water Detection Limits

Parameter Code	Parameter Name	Detection Limit (mg/L)	NYSDEC Ambient Water Quality Standards and Guidance Values[a] (fish propagation) (mg/L)	USEPA National Recommended Water Quality Criteria Freshwater-CCC[b] (mg/L)	USEPA Region 3 BTAG Freshwater Screening Benchmarks[c] (mg/L)	USEPA EcoTOX Screening Criteria AWQC/Tier II[d] (mg/L)	Min Criteria (mg/kg)	Does detection limit exceed criteria?
Metals								
7440-38-2	Arsenic	0.0025	NV	1.5E+02	5.0E-03	NV	5.00E-03	No
7440-47-3	Chromium	0.0018	0.074114522	NV	0.074114522	1.78E-01	7.41E-02	No
7439-92-1	Lead	0.002	3.784546855	2.5E-03	2.5E-03	2.5E-03	2.52E-03	No
PCBs								
12674-11-2	Aroclor-1016 (PCB-1016)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
11104-28-2	Aroclor-1221 (PCB-1221)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
11141-16-5	Aroclor-1232 (PCB-1232)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
53469-21-9	Aroclor-1242 (PCB-1242)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
12672-29-6	Aroclor-1248 (PCB-1248)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
11097-69-1	Aroclor-1254 (PCB-1254)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
11096-82-5	Aroclor-1260 (PCB-1260)	6.50E-05	1.2E-04	1.4E-02	**7.4E-08**	1.9E-04	7.40E-08	Yes
SVOCs								
88-06-2	2,4,6-Trichlorophenol	1.00E-02	NV	NV	**4.9E-03**	NV	4.90E-03	Yes
120-83-2	2,4-Dichlorophenol	1.00E-02	NV	NV	1.1E-02	NV	1.10E-02	No
121-14-2	2,4-Dinitrotoluene	1.00E-02	NV	NV	4.4E-02	NV	4.40E-02	No
606-20-2	2,6-Dinitrotoluene	1.00E-02	NV	NV	8.1E-02	NV	8.10E-02	No
95-57-8	2-Chlorophenol	1.00E-02	NV	NV	2.4E-02	NV	2.40E-02	No
91-57-6	2-Methylnaphthalene	1.00E-02	NV	NV	**4.7E-03**	NV	4.70E-03	Yes
95-48-7	2-Methylphenol	1.00E-02	NV	NV	1.3E-02	NV	1.30E-02	No
88-75-5	2-Nitrophenol	1.00E-02	NV	NV	1.9E+00	NV	1.92E+00	No
91-94-1	3,3'-Dichlorobenzidine	1.00E-02	NV	NV	**4.5E-03**	NV	4.50E-03	Yes
101-55-3	4-Bromophenyl phenyl ether	1.00E-02	NV	NV	**1.5E-03**	**1.5E-03**	1.50E-03	Yes
106-47-8	4-Chloroaniline	1.00E-02	NV	NV	2.3E-01	NV	2.32E-01	No
106-44-5	4-Methylphenol	1.00E-02	NV	NV	5.4E-01	NV	5.43E-01	No
100-02-7	4-Nitrophenol	2.50E-02	NV	NV	6.0E-02	NV	6.00E-02	No
83-32-9	Acenaphthene	1.00E-02	NV	NV	**5.8E-03**	**2.3E-02**	5.80E-03	Yes
120-12-7	Anthracene	1.00E-02	NV	NV	**1.2E-05**	NV	1.20E-05	Yes
56-55-3	Benzo(a)anthracene	1.00E-02	NV	NV	**1.8E-05**	NV	1.80E-05	Yes
50-32-8	Benzo(a)pyrene	1.00E-02	NV	NV	**1.5E-05**	**1.4E-05**	1.40E-05	Yes
117-81-7	bis(2-Ethylhexyl)phthalate [Di(2-ethylhexyl)phthalate] (DEHP)	1.00E-02	NV	NV	**1.6E-02**	**3.2E-02**	1.60E-02	No
85-68-7	Butyl benzylphthalate (BBP)	1.00E-02	NV	NV	1.9E-02	1.9E-02	1.90E-02	No
132-64-9	Dibenzofuran	1.00E-02	NV	NV	**3.7E-03**	**2.0E-02**	3.70E-03	Yes
84-66-2	Diethyl phthalate	1.00E-02	NV	NV	2.1E-01	2.2E-01	2.10E-01	No
84-74-2	Di-n-butylphthalate (DBP)	1.00E-02	NV	NV	1.9E-02	3.3E-02	1.90E-02	No
117-84-0	Di-n-octyl phthalate (DnOP)	1.00E-02	NV	NV	2.2E-02	NV	2.20E-02	No
206-44-0	Fluoranthene	1.00E-02	NV	NV	**4.0E-05**	**8.1E-03**	4.00E-05	Yes
86-73-7	Fluorene	1.00E-02	NV	NV	**3.0E-03**	**3.9E-03**	3.00E-03	Yes
118-74-1	Hexachlorobenzene	1.00E-02	NV	NV	**3.0E-07**	NV	3.00E-07	Yes
87-68-3	Hexachlorobutadiene	1.00E-02	NV	NV	**1.3E-03**	NV	1.30E-03	Yes
67-72-1	Hexachloroethane	1.00E-02	NV	NV	1.2E-02	1.2E-02	1.20E-02	No
91-20-3	Naphthalene	1.00E-02	NV	NV	**1.1E-03**	**2.4E-02**	1.10E-03	Yes
86-30-6	N-Nitrosodiphenylamine	1.00E-02	NV	NV	2.1E-01	NV	2.10E-01	No
87-86-5	Pentachlorophenol	2.50E-02	NV	1.5E+01	**5.0E-04**	NV	5.00E-04	Yes
85-01-8	Phenanthrene	1.00E-02	NV	NV	**4.0E-04**	**6.3E-03**	4.00E-04	Yes
108-95-2	Phenol	1.00E-02	NV	NV	4.0E-03	NV	4.00E-03	Yes
129-00-0	Pyrene	1.00E-02	NV	NV	**2.5E-05**	NV	2.50E-05	Yes
VOCs								
71-55-6	1,1,1-Trichloroethane	7.00E-04	NV	NV	1.1E-02	6.2E-02	1.10E-02	No
79-34-5	1,1,2,2-Tetrachloroethane	2.00E-03	NV	NV	6.1E-01	4.2E-01	4.20E-01	No
79-00-5	1,1,2-Trichloroethane	5.00E-03	NV	NV	1.2E+00	NV	1.20E+00	No
75-34-3	1,1-Dichloroethane	2.00E-03	NV	NV	4.7E-02	4.7E-02	4.70E-02	No
75-35-4	1,1-Dichloroethene	2.00E-03	NV	NV	2.5E-02	NV	2.50E-02	No
120-82-1	1,2,4-Trichlorobenzene	1.00E-02	NV	NV	2.4E-02	1.1E-01	2.40E-02	No
95-50-1	1,2-Dichlorobenzene	1.00E-02	NV	NV	**7.0E-04**	**1.4E-02**	7.00E-04	Yes
107-06-2	1,2-Dichloroethane	2.00E-03	NV	NV	1.0E-01	NV	1.00E-01	No
541-73-1	1,3-Dichlorobenzene	1.00E-02	NV	NV	1.5E-01	7.1E-02	7.10E-02	No
106-46-7	1,4-Dichlorobenzene	1.00E-02	NV	NV	2.6E-02	1.5E-02	1.50E-02	No
78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.00E-03	NV	NV	1.4E+01	NV	1.40E+01	No
591-78-6	2-Hexanone	5.00E-03	NV	NV	9.9E-02	NV	9.90E-02	No
108-10-1	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	5.00E-03	NV	NV	1.7E-01	NV	1.70E-01	No
71-43-2	Benzene	2.00E-03	NV	NV	3.7E-01	4.6E-02	4.60E-02	No
75-25-2	Bromoform	2.00E-03	NV	NV	3.2E-01	NV	3.20E-01	No
75-15-0	Carbon disulfide	2.00E-03	NV	NV	**9.2E-04**	NV	9.20E-04	Yes
56-23-5	Carbon tetrachloride	2.00E-03	NV	NV	1.3E-02	NV	1.33E-02	No
108-90-7	Chlorobenzene	2.00E-03	NV	NV	**1.3E-03**	1.3E-01	1.30E-03	Yes
67-66-3	Chloroform (Trichloromethane)	5.00E-03	NV	NV	**1.8E-03**	NV	1.80E-03	Yes
100-41-4	Ethylbenzene	2.00E-03	NV	NV	9.0E-02	2.9E-01	9.00E-02	No
75-09-2	Methylene chloride	2.00E-03	NV	NV	9.8E-02	NV	9.81E-02	No
100-42-5	Styrene	2.00E-03	NV	NV	7.2E-02	NV	7.20E-02	No
127-18-4	Tetrachloroethene	2.00E-03	NV	NV	1.1E-01	1.2E-01	1.11E-01	No
108-88-3	Toluene	2.00E-03	NV	NV	2.0E-03	1.3E-01	2.00E-03	No
156-60-5	trans-1,2-Dichloroethene	2.00E-03	NV	NV	9.7E-01	NV	9.70E-01	No
75-01-4	Vinyl chloride	2.00E-03	NV	NV	9.3E-01	NV	9.30E-01	No
1330-20-7	Xylene (total)	2.00E-03	NV	NV	1.30E-02	**1.8E-03**	1.80E-03	Yes

Constituents in water samples not detected at least one time and having a screening criteria are included in this summary. Data are sorted by class, name, and then detection limit.
Chromium - NYSDEC AWQC/GV calculated using:(0.86)* exp(0.819[ln(hardness^i)]+ 0.6848). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(0.819 [ln(hardness^i)]+0.6848) x (0.860).

USEPA EcoTOX Screening Criteria calculated using: exp(0.8190 [ln(hardness^i)]+1.561) x (0.860).
Lead - NYSDEC AWQC/GV calculated using: {1.46203-[ln(hardness)(0.145712)]} exp(1.273[ln(hardness)]-4.297). USEPA National Recommended Ambient Water Quality Criteria Freshwater calculated using: exp(1.273 [ln(hardness)]-4.705) x (1.46203-([ln(hardness) x (0.145712)]).
Hardness value of 100 (mg/L) utilized

a: Screening values are from NYSDEC Technical & Operational Guidance Series 1.1.1., New York State Ambient Water Quality Standards and Guidance Values, 1998b. The lowest of the standard and guidance values was utilized.
b: Screening values are from USEPA 2009a.
c: Screening values from USEPA Region 3 Biological Technical Assistance Group Freshwater Screening Benchmarks (USEPA 2006a).
d: Screening values are from USEPA 1996.

Historical Soil Sampling Figures

Figure D-1: SPDES Treatment System Excavation Plan

Figure D-2: Soil Staging Area

Figure 3-2 from 2010 Supplemental RI presenting Site-Specific Background Surface Soil Sample Locations

Jan 20, 2006 - 3:58pm

FIGURE D-1

TOWN LINE ROAD

TB-02-1 (0-14)
TB-02-2 (0-14)
TB-02-3 (0-14)
TB-02-4 (0-14)
TB-02-5 (0-10)
TB-02-6 (0-10)
TB-02-7 (0-12)
TB-02-8 (0-12)
TB-02-9 (0-12)
TB-02-10 (0-12)
TB-02-11 (0-8)
TB-02-12 (0-8)
TB-02-13 (0-6)
TB-02-14 (0-4)
TB-02-15 (0-2)

LEGEND

- ESTIMATED 2500 CY. VOLUME
- PROPOSED FOR ON-SITE REUSE AS SUBSURFACE FILL
- PROPOSED FOR ON-SITE REUSE AS SURFACE FILL
- 0-4 ft. INTERVAL PROPOSED FOR ON-SITE REUSE AS FILL UNDER LANDFILL COVER
  4-6 ft. INTERVAL PROPOSED FOR ON-SITE REUSE AS SURFACE FILL
- TB-02-17 APPROXIMATE SAMPLE LOCATION
- (0-8) APPROXIMATE DEPTH OF BORING IN FEET

GENERAL MOTORS
FORMER IFG FACILITY
SYRACUSE, NEW YORK

SPDES TREATMENT SYSTEM IRM

EXCAVATION PLAN

40 0 40 80

FILE NO. 4966.34126.027
JANUARY 2006

O'BRIEN & GERE
ENGINEERS, INC.

I:\DIV71\Projects\4966\34126\Dwg\Comp. Report\027 Fig 2-1.dwg

FIGURE D-2

ENLARGEMENT PLAN

SCALE: 1"=60'

LEGEND

- PROPERTY LINE
- TREE LINE
- FENCE
- GUARDRAIL
- RAILROAD
- PROPERTY AREA BOUNDARIES
- VEGETATION
- CRUSHED STONE
- ASPHALT
- INDICATOR LAYER PRESENT
- T6-1 — SUBSURFACE SOIL LOCATION
- SS-99-30 — SURFACE SOIL SAMPLE LOCATIONS
- P-6 — EXISTING MONITORING WELL (SOIL SAMPLE COLLECTED)
- U-1S — MONITORING WELL
- SAMPLES SHOWN IN GREEN DEPICT EXCAVATED LOCATION
- SAMPLES SHOWN IN ORANGE DEPICT IRM COVERED LOCATION

MOTORS LIQUIDATION COMPANY
FORMER INLAND FISHER GUIDE FACILITY
SYRACUSE, NEW YORK

SUPPLEMENTAL REMEDIAL INVESTIGATION SAMPLE LOCATIONS

0 250 500

SCALE IN FEET

FILE NO.14774.45148.004

APRIL 2010

O'BRIEN & GERE ENGINEERS INC.

Apr 30, 2010 - 3:34pm

I:\Mlc.14774\45148.Main-Plant-Proj\Docs\DWG\Sheets\45148.004-FIG1.dwg

10/7/2010 1:20 PM

I:\Mlc.14774\46297.Former-Ifg-Fac\Docs\DWG\Sheets\46297-051-FIG3-2.dwg

FIGURE 3-2

SEWER RELIEF INTERCEPTOR TRENCH W/ SHEET PILE & SLURRY WALLS

STORMWATER TREATMENT BUILDING

TOWNLINE ROAD

LEY CREEK

SS-09-06
SS-09-05
SS-09-04
SS-09-03
SS-09-02
SS-09-01
5+40-F
4+85-F
4+40-F

FACTORY AVENUE

OBG-TB-27
SS-09-07
SS-09-08
OBG-TB-26
SS-09-09

NORTHERN PROPERTY AREA

P-6

ROUTE 298

MILITARY CIRCLE
(FORMERLY G.M. CIRCLE)

SS-99-11
S3
S8
S10
S2
S6
S1
S5
S9
S7
S4
SS-99-10
SS-99-13
NW-DP2-N2
NW-DP2-N1
SS-99-09
NW-DP2-E2
NW-DP2-W
NW-DP2-S
NW-DP2-E1
SS-99-07

NORTHEAST PROPERTY AREA

SS-99-16
SS-99-14
A2A Soil
ADMINISTRATION OFFICE
OBG-TB-37
OBG-TB-36
SS-99-17
SS-99-15

SS-06-1N-2
SS-06-4W-2
SS-06-2S
SS-06-3S
SS-99-05

NIAGARA MOHAWK PROPERTY

3

OBG-TB-47

FORMER THINNER TANKS AREA

ELECTRICAL SUBSTATION

SWITCH HOUSE

SS-09-11
SS-09-10
OBG-TB-46
SS-09-12
OBG-TB-45

MANUFACTURING BUILDING

SOUTHEAST PROPERTY AREA

TOWN OF DEWITT
TOWN OF SALINA

PUMP HOUSE

WATER STORAGE TANK

SOUTHWEST PROPERTY AREA

SS-99-03
OBG-TB-40
FORMER MOLD STORAGE BUILDING
SS-99-04E
OBG-TB-1-03
SS-99-02
OBG-TB-39
SS-99-01-N
SS-99-01-E
SS-99-01-W
TB-21-N
SS-99-01-S
TB-21-W
TB-21-E
TB-21-S

Background Sample

FORMER IWTP BUILDING

FORMER BULK HANDLING BUILDING

SS-99-30
SS-99-31
SS-99-29
SS-99-28
SS-99-27
SS-99-26
SS-99-23
SS-99-22
FORMER POWER HOUSE

OBG-TB-2-03
SS-99-18
SS-99-21
SS-99-19
SS-99-20

Background Sample

ROAD HOTSPOT S
S-12
PENN CENTRAL RAILROAD
SS-99-24
ROAD HOTSPOT E
SS-99-25
INDUSTRIAL WASTE TREATMENT (IWT) PLANT

LEGEND

- PROPERTY LINE
- TREE LINE
- FENCE
- GUARDRAIL
- SURFACE SOIL SAMPLING LOCATION (SS-99-03)

SURFACE SOIL SAMPLING LOCATIONS

1"=120' 120 0 120

MOTORS LIQUIDATION COMPANY
FORMER INLAND FISHER GUIDE FACILITY
SYRACUSE, NEW YORK

FILE NO. 14774.46297-051
OCTOBER 2010

O'BRIEN & GERE

Exhibits

U.S. Fish & Wildlife Service Endangered Species Data

Onondaga County

Federally Listed Endangered and Threatened Species and Candidate Species

This list represents the best available information regarding known or likely County occurrences of Federally-listed and candidate species and is subject to change as new information becomes available.

Common Name	Scientific Name	Status
American hart's-tongue fern	*Asplenium scolopendrium* var. *americanum*	T
Bald eagle [1]	*Haliaeetus leucocephalus*	D
Bog turtle	*Clemmys [=Glyptemys] muhlenbergii*	T
Eastern massasauga	*Sistrurus catenatus catenatus*	C
Eastern prairie fringed orchid *(Historic)*	*Platanthera leucophea*	T
Indiana bat (W/S)	*Myotis sodalis*	E
Small whorled pogonia *(Historic)*	*Isotria medeoloides*	T

Status Codes: E=Endangered, T=Threatened, P=Proposed, C=Candidate, D=Delisted.

W=Winter S=Summer

[1] The bald eagle was delisted on August 8, 2007. While there are no ESA requirements for bald eagles after this date, the eagles continue to receive protection under the Bald and Golden Eagle Protection Act (BGEPA). Please follow the Service's May 2007 Bald Eagle Management Guidelines to determine whether you can avoid impacts under the BGEPA for your projects. If you have any questions, please contact the endangered species branch in our office.

Information current as of: 4/19/2010

New York Natural Heritage Program Correspondence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

May 18, 2010

Abby K. Morton
O'Brien & Gere
5000 Brittonfield Pkwy
East Syracuse, NY 13057

Dear Ms. Morton:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the proposed Fish and Wildlife Impact Analysis for Motor Liquidation Company (Former IFG Facility), File 14774/45148, - approx. 65 acre Parcel, site as indicated on the map you provided, including a 2-mile radius, located at #1 General Motors Drive, Town of Salina, Onondaga County.

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

The enclosed report may be included in documents that will be available to the public. However, any enclosed maps displaying locations of rare species are considered sensitive information, and are intended only for the internal use of the recipient; they should not be included in any document that will be made available to the public, without permission from the New York Natural Heritage Program.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g. regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,

Tara Salerno jr

Tara Salerno, Information Services
New York Natural Heritage Program # 508

Enc.
cc: Reg. 7, Wildlife Mgr.

Natural Heritage Report on Rare Species and Ecological Communities

NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor,
Albany, NY 12233-4757
(518) 402-8935

~The information in this report includes only records entered into the NY Natural Heritage databases as of the date of the report. This report is not a definitive statement on the presence or absence of all rare species or significant natural communities at or in the vicinity of this site.
~Refer to the User's Guide for explanations of codes, ranks and fields.
~Location maps for certain species and communities may not be provided 1) if the species is vulnerable to disturbance, 2) if the location and/or extent is not precisely known, 3) if the location and/or extent is too large to display, and/or 4) if the animal is listed as Endangered or Threatened by New York State.

Natural Heritage Report on Rare Species and Ecological Communities

BIRDS

Bartramia longicauda

Office Use 10956

Upland Sandpiper
Breeding

NY Legal Status: Threatened
Federal Listing:
Last Report: **
NYS Rank: S3B - Vulnerable
Global Rank: G5 - Secure
EO Rank: **
ESU

County: Onondaga
Town: Dewitt
Location: At, or in the vicinity of, the project site.
General Quality and Habitat: **For information on the population at this location and management considerations, please contact the NYS DEC Regional Wildlife Manager for the Region where the project is located.

Circus cyaneus

Office Use 6412

Northern Harrier
Breeding

NY Legal Status: Threatened
Federal Listing:
Last Report: **
NYS Rank: S3B,S3N - Vulnerable
Global Rank: G5 - Secure
EO Rank: **
ESU

County: Onondaga
Town: Clay, Salina
Location: At, or in the vicinity of, the project site.
General Quality and Habitat: **For information on the population at this location and management considerations, please contact the NYS DEC Regional Wildlife Manager for the Region where the project is located.

2 Records Processed

More detailed information about many of the rare and listed animals and plants in New York, including biology, identification, habitat, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.acris.nynhp.org, from NatureServe Explorer at http://www.natureserve.org/explorer, from NYSDEC at http://www.dec.ny.gov/animals/7494.html (for animals), and from USDA's Plants Database at http://plants.usda.gov/index.html (for plants).

More detailed information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at www.acris.nynhp.org. For descriptions of all community types, go to http://www.dec.ny.gov/animals/29384.html and click on Draft Ecological Communities of New York State.

360° Engineering and Project Delivery Solutions

All materials printed on recycled paper.

O'BRIEN & GERE
www.obg.com