

**SITE LOCATION**

**NASSAU UNIFORM SERVICE**

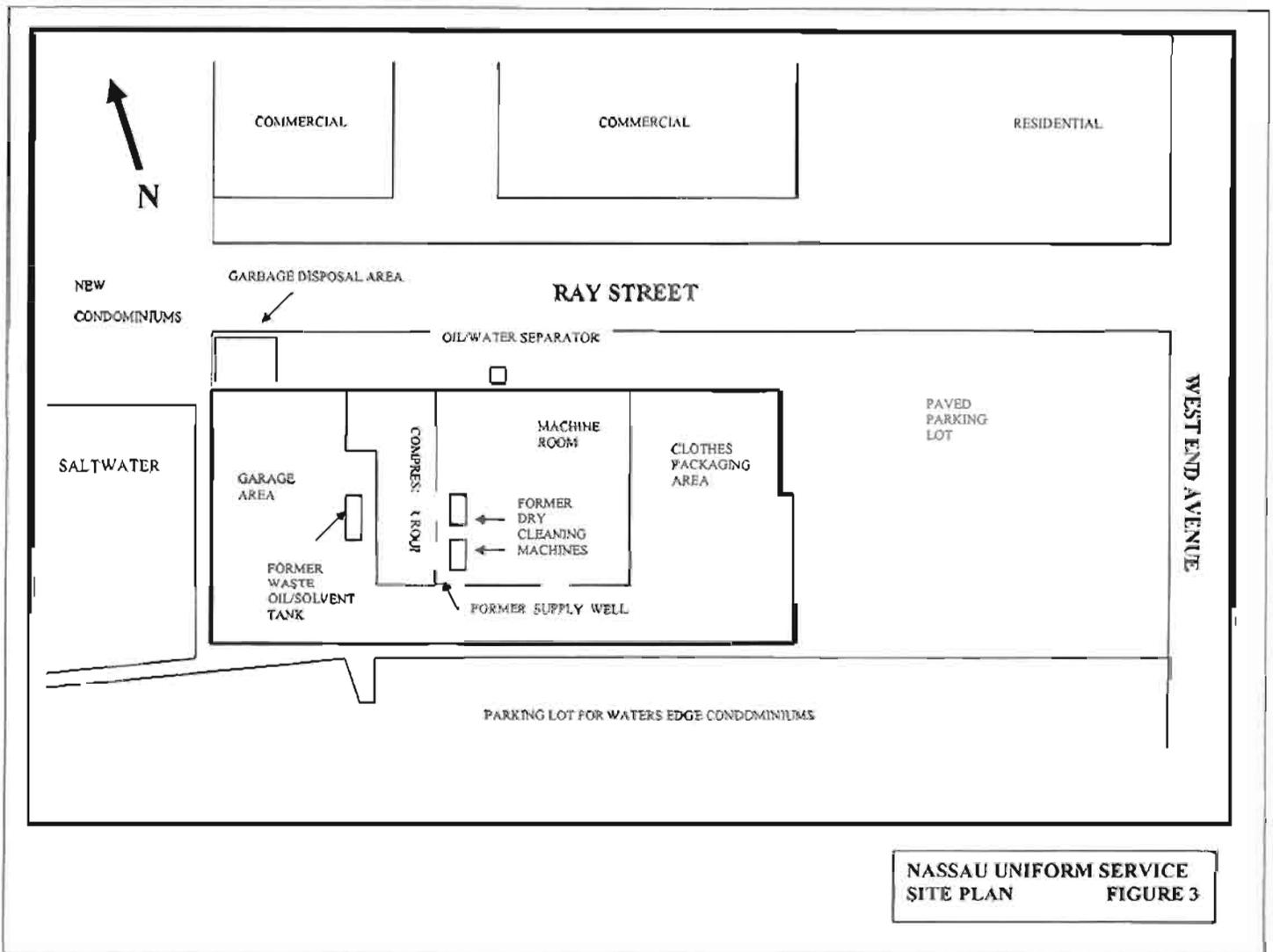
**FIGURE 1**

# Nearby Water Bodies



Site Location

Nassau Uniform Service  
Figure 2



COMMERCIAL

COMMERCIAL

RESIDENTIAL

NEW  
CONDOMINIUMS

GARBAGE DISPOSAL AREA

RAY STREET

OIL/WATER SEPARATOR

SALTWATER

GARAGE  
AREA

FORMER  
WASTE  
OIL/SOLVENT  
TANK

COMPRESS  
ROOM

MACHINE  
ROOM

FORMER  
DRY  
CLEANING  
MACHINES

CLOTHES  
PACKAGING  
AREA

FORMER SUPPLY WELL

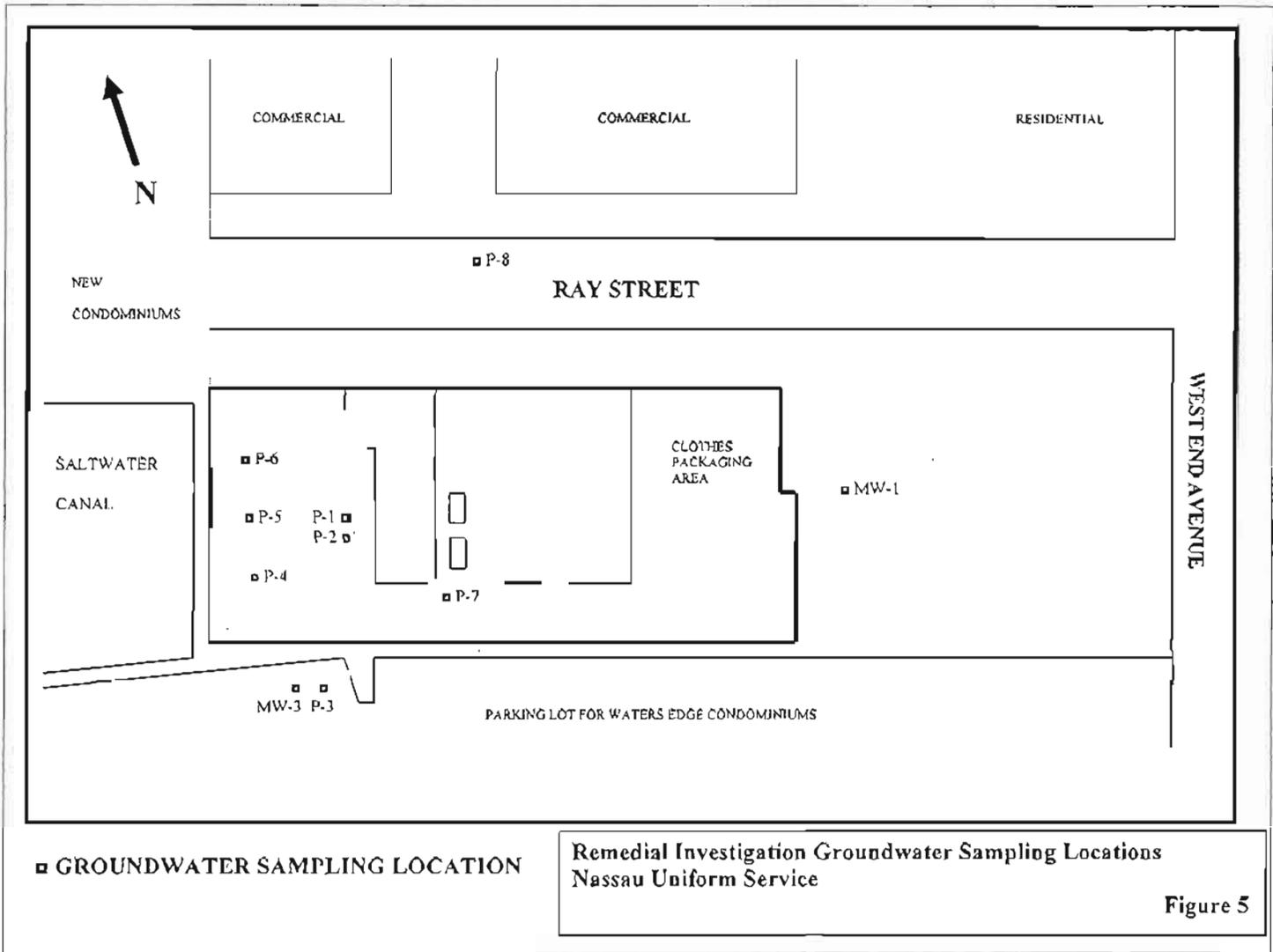
PAVED  
PARKING  
LOT

WEST END AVENUE

PARKING LOT FOR WATERS EDGE CONDOMINIUMS

NASSAU UNIFORM SERVICE  
SITE PLAN                      FIGURE 3

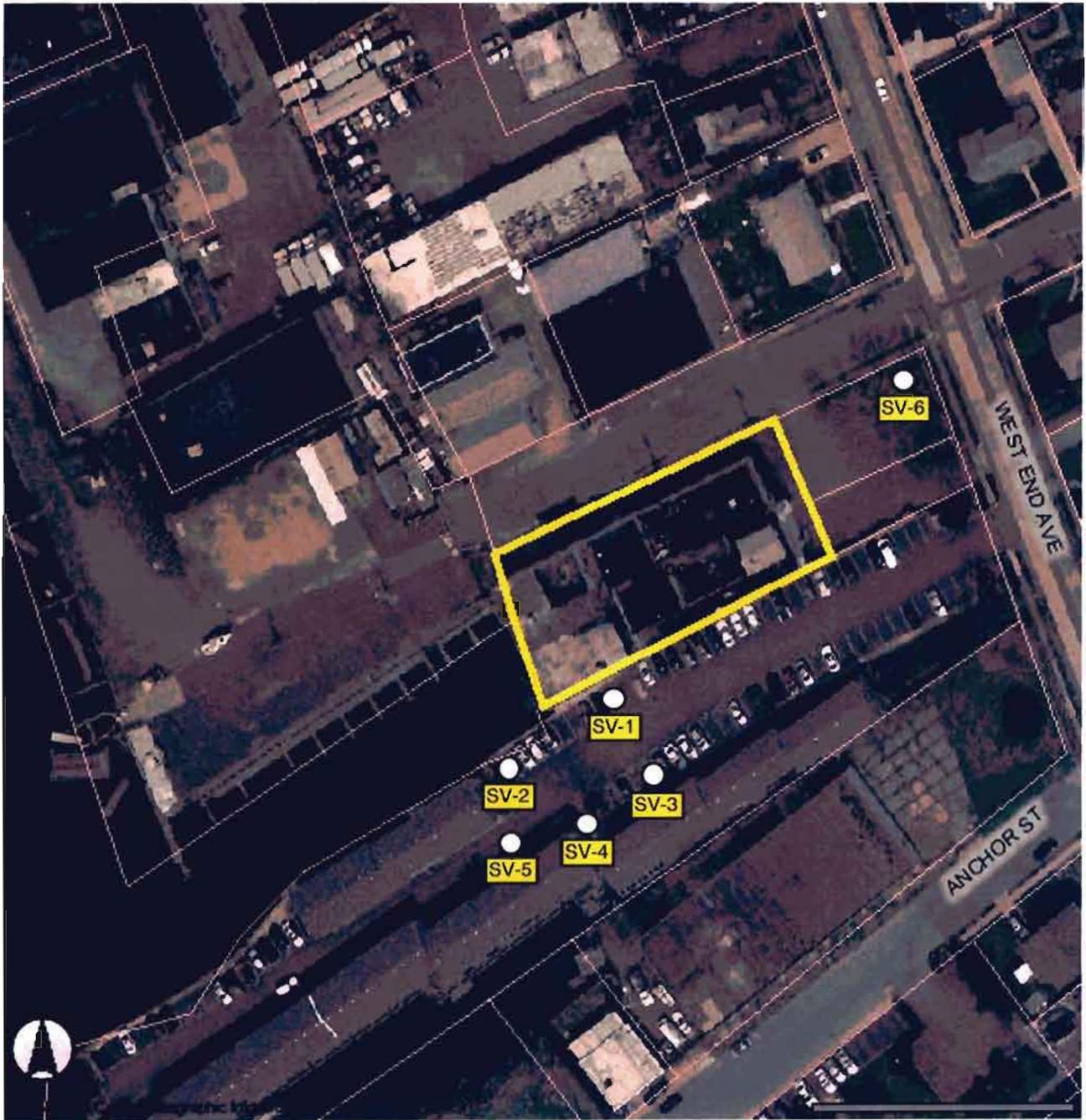




■ GROUNDWATER SAMPLING LOCATION

Remedial Investigation Groundwater Sampling Locations  
Nassau Uniform Service

Figure 5



2000 Soil Vapor Sampling Locations  
Nassau Uniform Service

○ Soil Vapor Sampling Location

Figure 6

# 2002 Sediment and Surface Water Sampling Locations

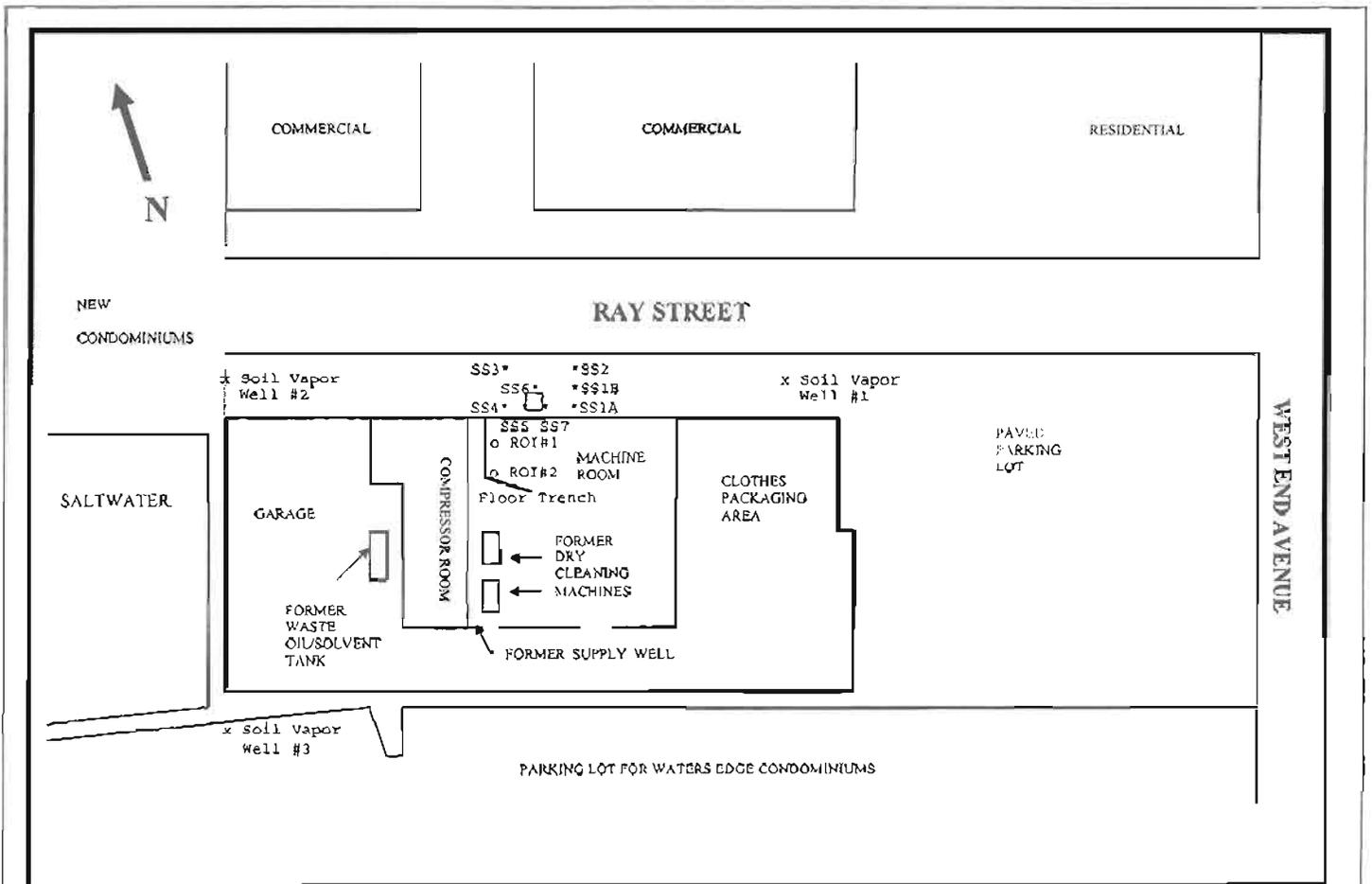


○ CRK-5 CRK-5 is located adjacent to Buoy N-14 where Milburn Creek meets Freeport Bay.

⋯ Site Location

○ 2002 Sediment/Surface Water Sampling Locations

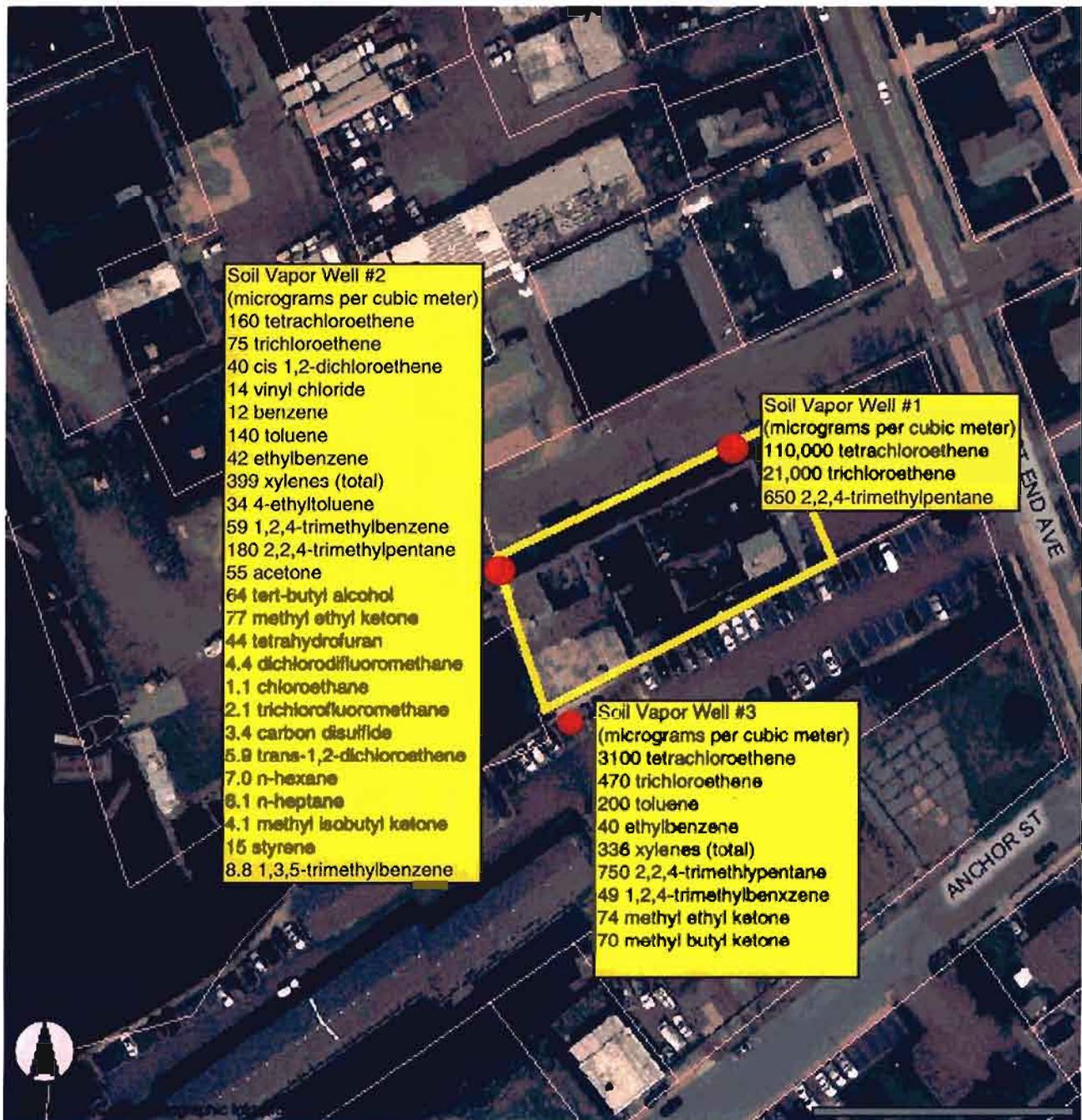
Nassau Uniform Service  
Figure 7



\* Soil Sampling Locations by the Oil/Water Separator  
 x Soil Vapor Sampling Locations  
 o Radius of Influence Wells

2006 Supplemental Investigation  
 Sampling Locations

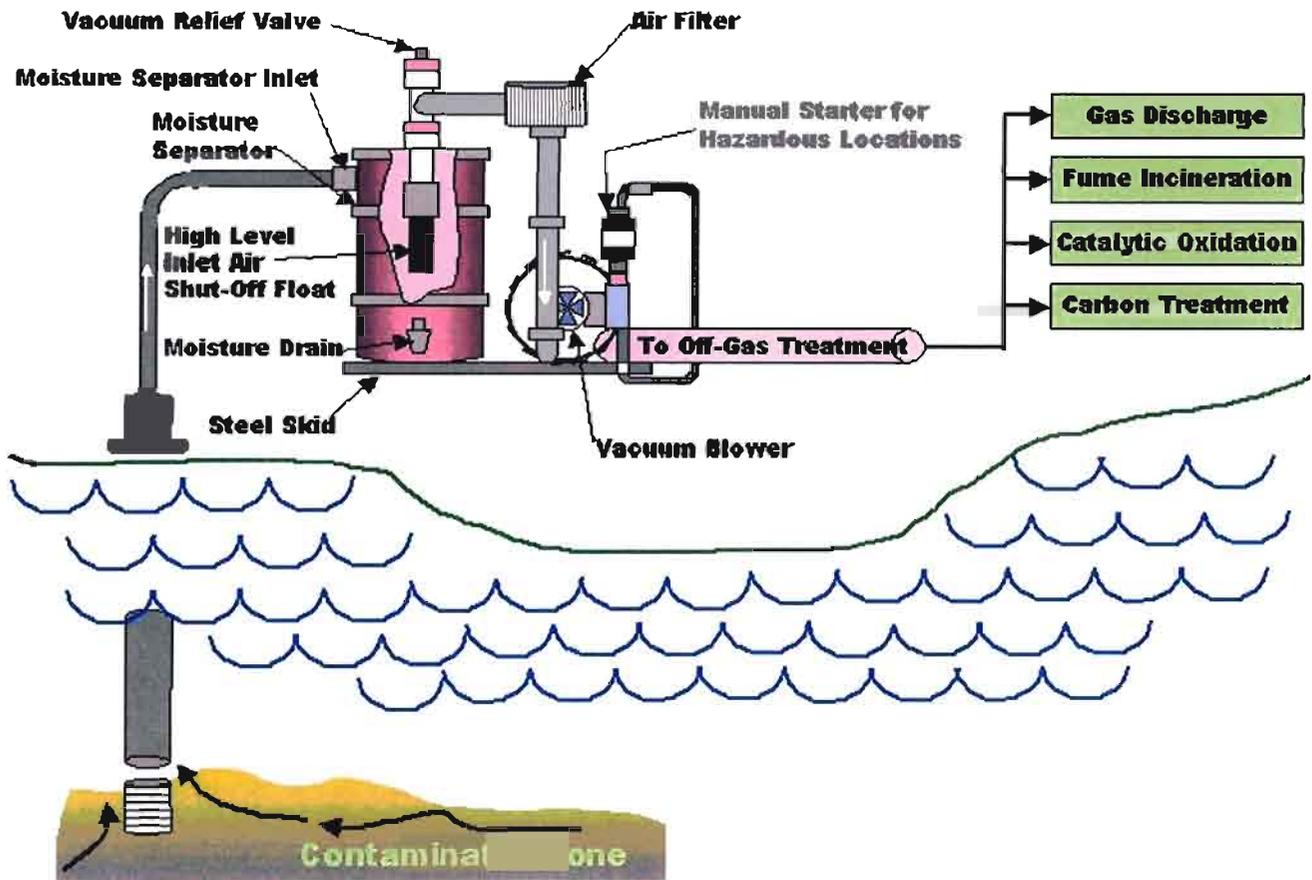
Figure 8



● Soil Vapor Well Locations

Nassau Uniform Service, #130063  
 Soil Vapor Sampling Results  
 Samples Collected on 7/13/2006

Figure 9



Source: [www.ftr.gov/matrix2/section4/4-7.html](http://www.ftr.gov/matrix2/section4/4-7.html)

Schematics of a Typical Soil Vapor Extraction System

### Operation Principles

In this technology, a vacuum is applied to the contaminated soil matrix through extraction wells which creates a negative pressure gradient that strips volatile constituents from the contaminated soil in the vadose zone, causing the movement of vapors toward these wells. Volatile constituents in the vapor phase are readily removed from the subsurface through the extraction wells. The extraction wells should be placed so that they overlap in their radii of influence to completely cover the area of the contamination. Vapors from the soil are then piped into a moisture separator to remove any groundwater that is inadvertently sucked up during the process. The vapors are then passed through an air filter to remove any dust or soil particulate. The extracted vapors are then treated by a variety of off-gas treatment which may include gas discharge, fume incineration, catalytic oxidation or activated carbon. Depending on state or local regulations, the resulting treated vapors are either returned to the atmosphere, or injected back into the subsurface.

Figure 10

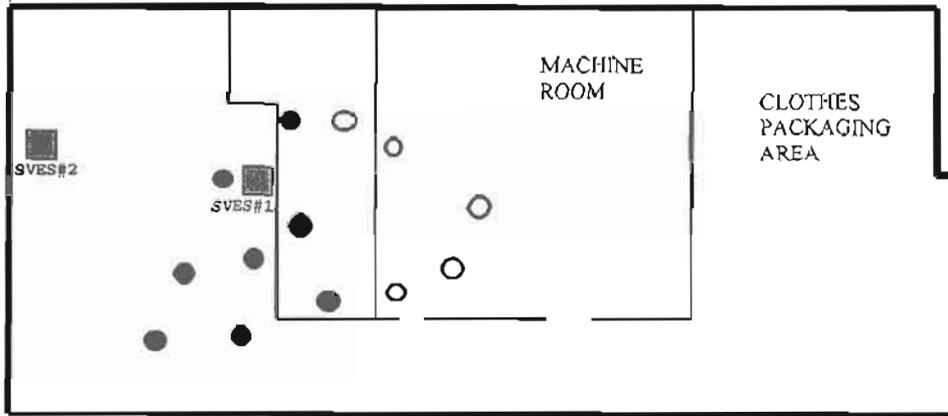


NEW  
CONDOMINIUMS

RAY STREET

SALTWATER  
CANAL

PAVED  
PARKING  
LOT

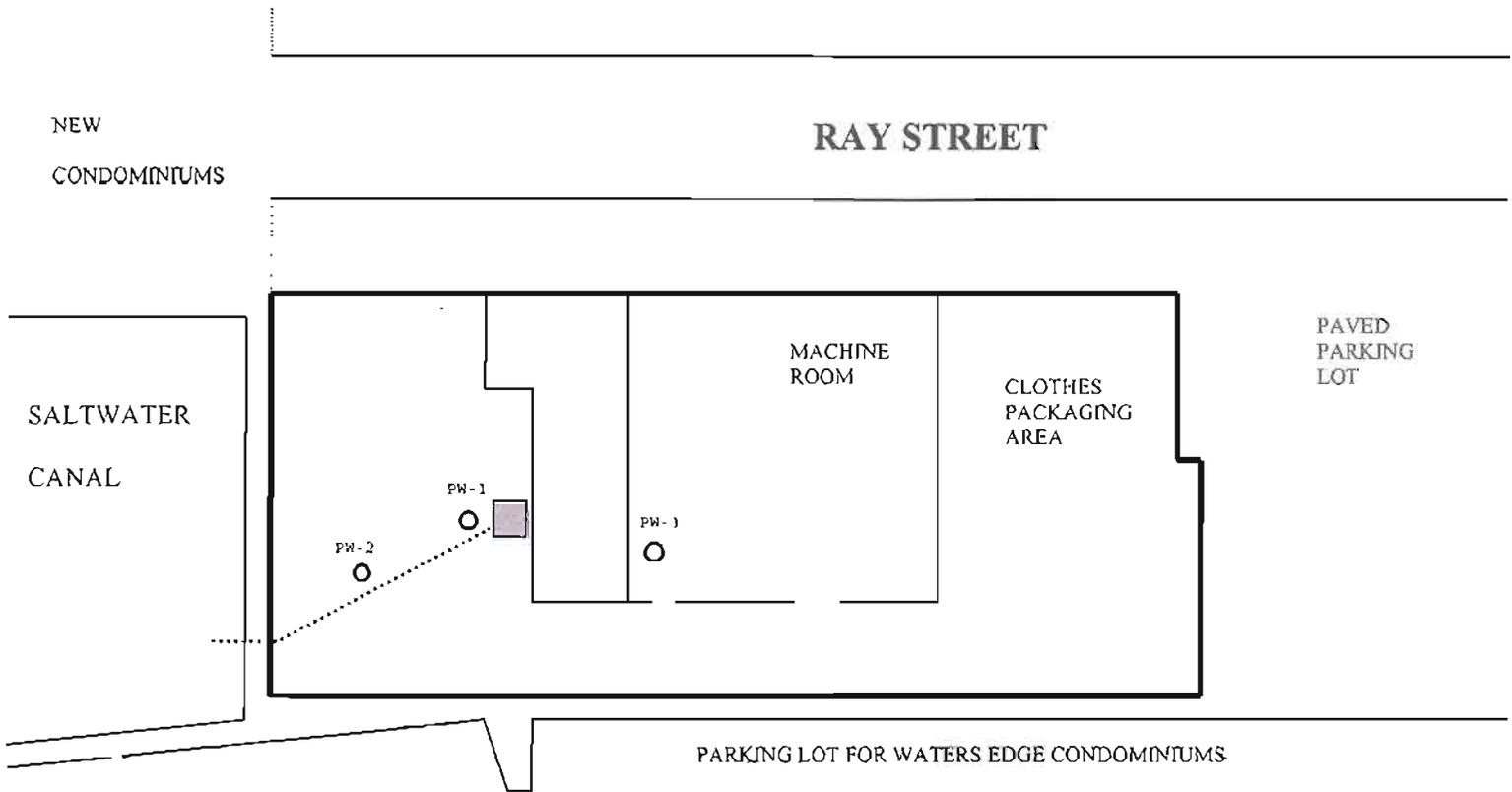


PARKING LOT FOR WATERS EDGE CONDOMINIUMS

-  SVE Treatment Areas
-  Extraction Wells for SVES #1
-  Extraction Wells for SVES #2

Location of Extraction Wells  
for the Soil Vapor Extraction  
System  
Nassau Uniform Service

Figure 11



- Groundwater Treatment System
- Groundwater Extraction Wells
- ..... Proposed Discharge Piping for Treated Groundwater

Location of Extraction Wells  
for the Groundwater Extraction  
and Treatment System  
Nassau Uniform Service

Figure 12