PERIODIC REVIEW REPORT for the

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE (SITE No. C915223)

BUFFALO, NEW YORK

September 2019 0136-013-010

Prepared for:

1093 Group, LLC

Prepared By:



TurnKey Environmental Restoration, LLC 2558 Hamburg Turnpike, Suite 300 Buffalo, NY 14218

PERIODIC REVIEW REPORT

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1.0 Introduction

TurnKey Environmental Restoration, LLC (TurnKey), has prepared this Periodic Review Report (PRR), on behalf of 1093 Group, LLC, to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Niagara Street and Pennsylvania Avenue Site (Site) (C915223).

This PRR has been prepared in accordance with the NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* (May 2010) and the NYSDEC's Institutional and Engineering Controls (IC/EC) Certification Form has been completed for the Site (see Appendix A).

NYS Department of Environmental Conservation (NYSDEC) approved of the cessation of groundwater monitoring at the Site, and the groundwater monitoring wells were decommissioned in accordance with Commissioner Policy CP-43 (November 2009). Details of the decommissioning are provided below.

This PRR and the associated inspections form have been completed for the post-remedial activities at the Site for the June 24, 2016 to August 31, 2019 reporting period.

1.1 Site Background

The Site encompasses approximately 0.27 acres property that was redeveloped as part of a larger commercial retail operation (Family Dollar) in the City of Buffalo, New York (see Figure 1). The Site was formerly comprised of two separate adjoining tax parcels which were historically used as a filling station and automobile service operation. Those historic operations impacted on-Site soil and groundwater.

1.2 Remedial History

1093 Group, LLC a related entity, entered into a Brownfield Cleanup Agreement (BCA) (Index #B9-0759-07-11, Site #C915223) with the New York State Department of Environmental Conservation (NYSDEC) in October 2008. 1093 Group, LLC completed the investigation and remediation of the Site under the supervision of the NYSDEC and NYSDOH.

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The Remedial Investigation/Interim Remedial Measures (RI/IRM) Work Plan was approved by the NYSDEC on November 18, 2008. Remedial activities were performed at the Site between February and July 2009. The remedial program was successful in achieving the remedial objectives for the Site, and the Site Management Plan (SMP) and Final Engineering Report (FER) were approved by the Department in December 2009. The NYSDEC issued a COC for the Site on December 24, 2009.

1.3 Compliance

At the time of the Site inspection, the Site was fully compliant with the Department's approved SMP.

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1.4 Recommendations

No modifications to the current SMP are recommended at this time.



2.0 SITE OVERVIEW

The Niagara Street and Pennsylvania Avenue Site (Site) is located in the City of Buffalo, County of Erie, New York and is addressed at 517 Niagara Street (SBL# 110.27-5-1.1) on the Erie County Tax Map. The Site is located on the southeast corner of Niagara Street and Pennsylvania Avenue, and bordered by Reynolds Alley, Pennsylvania Avenue, and Niagara Street.

The remedial activities were completed from February through July 2009. The remedial activities included:

- Demolition of the former service station building and product dispenser canopy;
- Removal of five (5) underground storage tanks (USTs), including associated dispensing units and underground product piping. Extraction and off-site disposal of residual product/water mixture from the USTs and the in-ground lift.
- Excavation of petroleum-impacted soil/fill followed by off-site transportation and disposal at a commercial landfill.
- Excavation and disposal of surface soil/fill with slightly elevated SVOCs (above restricted-residential SCOs) across the southeast portion of the Site. That material was also transported off-Site and disposed of at a commercial landfill.
- Extraction and treatment of groundwater from the excavation during remediation activities.
- Placement and compaction of backfill.

Remedial activities were completed in July 2009. The FER and SMP for the Site were approved by the Department in December 2009. The COC was issued for the Site on December 24, 2009.

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3.0 REMEDY PERFORMANCE

The completed remedial measures, as identified above, and more fully detailed in the FER, removed the former UST system and petroleum impacted on-Site soil/fill to the property boundary along Niagara Street and Pennsylvania Avenue, and/or achieved a Track 2 Restricted Residential Use cleanup. Redevelopment activities included the construction of a new commercial building (see Figure 2 and photolog).

Post-remedial monitoring has been completed at the Site in accordance with the SMP (2009). The Site inspection including a walk-over of the entire BCP Site to visually observe and document the use of the Site, restriction of groundwater use, and conformance with the Site Management Plan (SMP). Cessation of groundwater monitoring was approved by the Department in 2016, and the groundwater monitoring wells were decommissioning in general accordance with the NYSDEC CP-43 guidelines in 2019.

The 2016-2019 site inspection indicates that the controls are in-place and functioning as intended in accordance with the SMP. The completed IC/EC Certification form and site photographs are included in Appendix A and Appendix B, respectively.



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4.0 SITE MANAGEMENT PLAN

The Niagara Street and Pennsylvania Avenue Site post-remedial SMP was approved by the NYSDEC in December 2009. The SMP provides a detailed description of all procedures required to manage remaining contamination at the Site after completion of the Remedial Action, including: (1) implementation and management of all Institutional Controls; and, (2) performance of periodic inspections, certification of results, and submittal of Periodic Review Reports.

A brief description of these SMP components is presented below.

4.1 Institutional Control Plan

As a requirement of the SMP a series of Institutional Controls are required to (1) prevent future exposure to remaining contamination by controlling disturbances of the subsurface; and, (2) limit the land use and development of the Site to restricted-residential use or more restricted uses (i.e., commercial or industrial).

4.1.1 Excavation Work Plan

The Excavation Work Plan, which is included within the approved-SMP for the Site, provides guidelines for the management of soil and fill material during any future intrusive activities.

No intrusive activities were completed during this reporting period.

4.1.2 Site Land Use

The Site is currently utilized as a commercial retail operation and is in compliance with the Site's land use criteria (restricted-residential use).

4.2 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines the requirements for the Site, to certify and attest that the institutional controls and/or engineering controls employed at the Site are unchanged from the previous certification. The Annual Certification will primarily consist of an annual Site Inspection to complete the auto generated NYSDEC



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Institutional and Engineering Controls (IC/EC) Certification Form. The site inspection will verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

The 2019 Site Inspection was completed by TurnKey personnel on August 29, 2019. At the time of the inspection, the property was being used as a commercial retail operation (Family Dollar), with surface parking, paved walkways and landscaped areas. No observable indication of intrusive activities was noted during the Site Inspection. The Site is on municipal water supply, and no observable use of groundwater was noted during the site inspection.

The completed Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certification Form is included in Appendix A. A photolog of the site inspection is included in Appendix B.

4.3 Engineering and Institutional Control Requirements and Compliance

As detailed in the Environmental Easements, several Institutional Controls (ICs) need to be maintained as a requirement of the BCA for the Site.

4.3.1 Engineering Controls

No engineering controls are required for the Site.



4.3.2 Institutional Controls

- Groundwater-Use Restriction the use of groundwater for potable and non-potable purposes is prohibited; and
- Land-Use Restriction: The controlled property may be used for restricted-residential, commercial and/or industrial use; and,
- Implementation of the SMP.



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5.0 Well Decommissioning

Well decommissioning was completed on August 29th, 2019 with TREC Environmental Inc. providing drilling services, and TurnKey personnel providing oversight and documentation of the decommissioning. The groundwater well decommissioning was completed in general accordance with the Department's CP-43 guidelines.

Decommissioning activities included the six (6) wells, identified as MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6. Wells were grouted in place while removing the riser and road box to the extent practical, and grouting the well and void space of the former roadbox with concrete grout. Surfaces were finished with either asphalt patch or surrounding soil and landscaping materials, based on the surrounding surface condition for each well location. Photos of the decommissioning activities are included in the Photolog provided in Appendix B and well decommissioning logs are provided in Appendix C.



6.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions and recommendations are as follows:

• Based on the site inspections, the Site was in compliance with the Site Management Plan.



0136-013-010

7.0 DECLARATION/LIMITATION

TurnKey Environmental Restoration, LLC in association with Benchmark Environmental Engineering and Science, PLLC, personnel conducted the annual site inspections for Brownfield Cleanup Program Site No. C915223, located in Buffalo, New York, according to generally accepted practices. This report complied with the scope of work provided to 1093 Group, LLC by TurnKey Environmental Restoration, LLC.

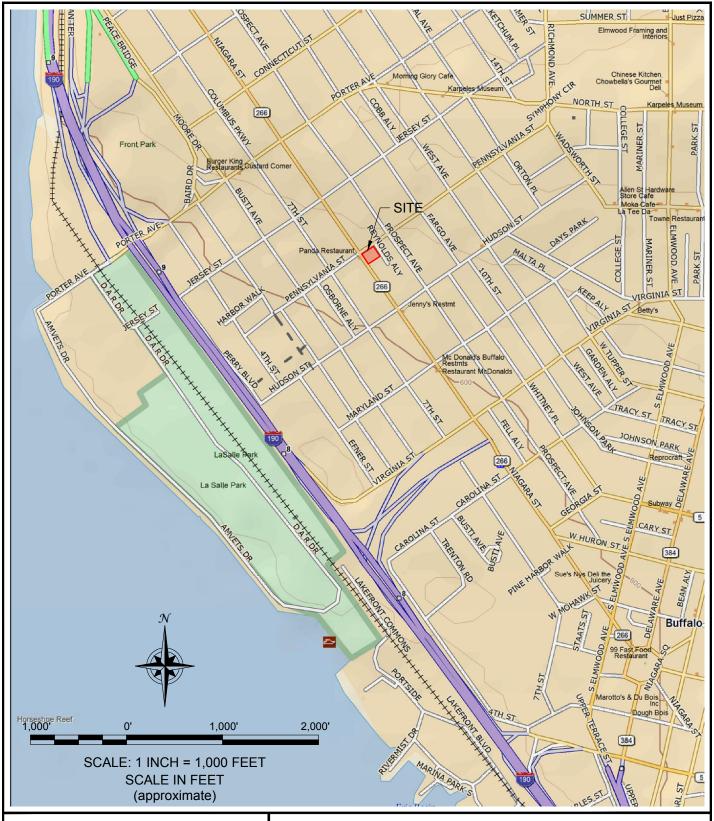
This report has been prepared for the exclusive use of 1093 Group, LLC. The contents of this report are limited to information available at the time of the site inspection. The findings herein may be relied upon only at the discretion of 1093 Group, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of TurnKey Environmental Restoration, LLC.



FIGURES



FIGURE 1





PROJECT NO.: 0136-013-010

DATE: SEPTEMBER 2019

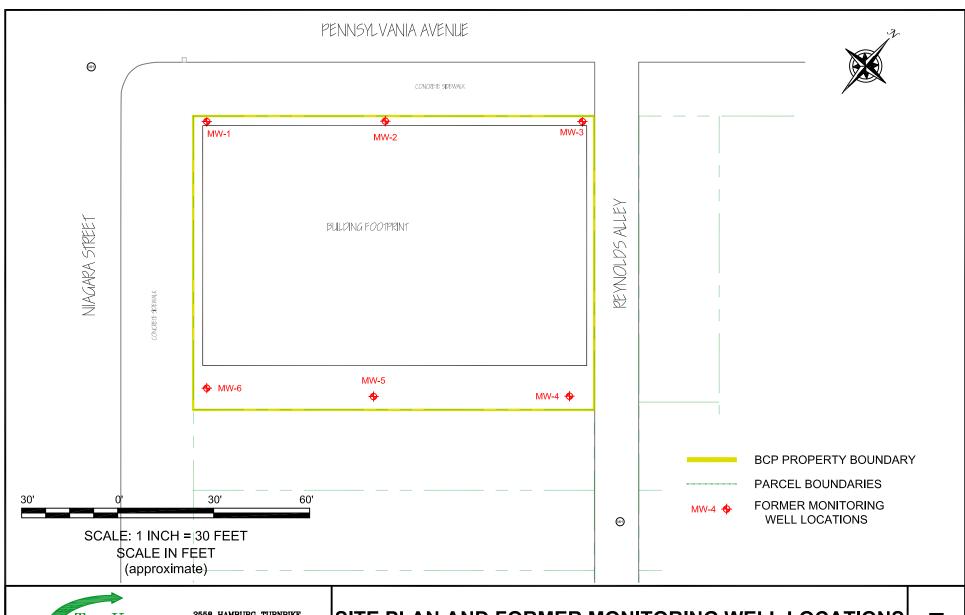
DRAFTED BY: CEH

SITE LOCATION AND VICINITY MAP

PERIODIC REVIEW REPORT

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE BCP SITE No. C915223 BUFFALO, NEW YORK PREPARED FOR 1093 GROUP, LLC







2558 HAMBURG TURNPIKE SUITE 300 BUFFALO, NY 14218 (716) 856-0635

PROJECT NO.: 0136-002-600

DATE: SEPTEMBER 2019

DRAFTED BY: CEH

SITE PLAN AND FORMER MONITORING WELL LOCATIONS

PERIODIC REVIEW REPORT

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE BCP SITE No. C915223 BUFFALO, NEW YORK PREPARED FOR 1093 GROUP, LLC

APPENDIX A

INSTITUTIONAL CONTROLS CERTIFICATION FORM





Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Si	te No. C	Site Details	Box 1			
Si	te Name N	liagara Street and Pennsylvania Avenue Site				
Ci	te Address: ty/Town: B bunty: Erie te Acreage:					
Re	eporting Per	iod: June 24, 2016 to August 31, 2019				
			YES	NO		
1.	Is the info	rmation above correct?	×			
	If NO, incl	ude handwritten above or on a separate sheet.				
2.		or all of the site property been sold, subdivided, merged, or undergone a mendment during this Reporting Period?		*		
3.		been any change of use at the site during this Reporting Period CRR 375-1.11(d))?	o .	×		
4.		federal, state, and/or local permits (e.g., building, discharge) been issued the property during this Reporting Period?		×		
		swered YES to questions 2 thru 4, include documentation or evidence mentation has been previously submitted with this certification form.				
5.	Is the site	currently undergoing development?		×		
			Box 2			
	63	N N	YES	NO		
6.		ent site use consistent with the use(s) listed below? -Residential, Commercial, and Industrial	X			
7.	Are all ICs	/ECs in place and functioning as designed?	×			
	IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.					
A Corrective Measures Work Plan must be submitted along with this form to address these issues.						
Sig	Signature of Owner, Remedial Party or Designated Representative					

		ja		Вох	2A
				YES	NO
8.		rmation revealed that assumptions meding offsite contamination are no lor			×
		YES to question 8, include docum ion has been previously submitted			
9.		ons in the Qualitative Exposure Asse exposure Assessment must be certifi		×	
	•	NO to question 9, the Periodic Revive Exposure Assessment based	•		
SITE	NO. C915223			Вох	3
	Description of	Institutional Controls			
<u>Parcel</u>	7-5-1.1	Owner 1093 Group, LLC	Institutional Control Ground Water Use Restriction Landuse Restriction Menitering Plan Site Management Plan	E Appro	ived Cess
Manag	jement Plan, Grour	Institutional controls include an End ad Water Monitoring Plan, and period e, ground water is prohibited for cons			
		Engineering Controls		Вох	4
Nor	ne Required			*	
Not	Applicable/No EC's	S			

Box 8

	F	Periodic Review	Report (PRF	R) Certifica	ation State	ments			
1.	I certify by	checking "YES"	below that:		T				¥
		e Periodic Reviewed by, the part				prepared	under the di	irection of,	and
	are ir	the best of my ke accordance with accing practices	h the requirer	ments of the	e site reme	dial progr	am, and ger	nerally acc	ertification cepted
	engii	leering practices	, and the into	mation pro	SSCINCU IS	accurate a	ina compete	YES	NO
	6:							×	
2.	or Engineer	as an IC/EC Pla ring control listed atements are tru	l in Boxes 3 a	ent as requi und/or 4, I c	ired in the I certify by ch	Decision E necking "Y	Document), t ES" below t	for each Ir that all of t	nstitutional he
	(a) th the d	ne Institutional C ate that the Con	ontrol and/or trol was put in	Engineerin n-place, or v	g Control(s was last ap	s) employe proved by	ed at this site the Depart	e is uncha ment;	nged since
	(b) n the e	othing has occu nvironment;	rred that woul	d impair the	e ability of	such Cont	trol, to prote	ect public h	ealth and
	(c) a includ	ccess to the site ding access to e	will continue valuate the co	to be provi	ided to the aintenance	Departme of this Co	nt, to evalua introl;	ate the ren	nedy,
	(d) n Mana	othing has occu agement Plan fo	rred that woul this Control;	d constitute and	e a violatio	n or failure	e to comply	with the S	ite
	(e) if mech	a financial assu nanism remains v	rance mechai valid and suffi	nism is required	uired by the intended p	e oversigh ourpose es	nt document stablished ir	for the site	e, the ment.
								YES	NO
J			*					×	
			ISWER TO QU						8
	A Corrective	Measures Work	Plan must be	submitted	along with	this form	n to address	s these iss	ues.
				3.16			D-1-		
	Signature of C	wner, Remedial	Party or Desig	nated Repre	esentative		Date		2
							- 3		

IC CERTIFICATIONS SITE NO. C915223

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I William Paladin Dat 295 Min St, St 2 10, Buffulo My print name print business address 14203 am certifying as Manger of 1093 Group, LLC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Date

Rendering Certification

APPENDIX B

SITE PHOTOGRAPH LOG



SITE PHOTOGRAPHS

Photo 1:



Photo 2:





Photo 4:



Photo 1: Subject Property (Looking north along Niagara Street)

Photo 2: Subject Property (Parking area – looking northeast from Niagara Street)

Photo 3: Subject Property (Rear parking area – looking northeast)

Photo 4: Subject Property (Rear parking Area – looking south from Pennsylvania Avenue)

SITE PHOTOGRAPHS

Photo 5:



Photo 6:

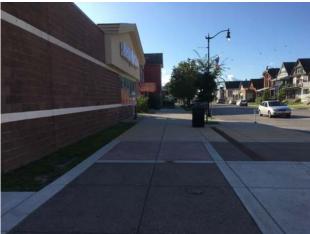




Photo 8:



Photo 5: Subject Property (looking east along Pennsylvania Avenue)

Photo 6: Subject Property (looking south along Niagara Street)

Photo 7: PVC well pipe and metal casing being removed from MW-4

Photo 8: Preparation of grout for well decommissioning.

SITE PHOTOGRAPHS

Photo 9:



Photo 10:



Photo 11:





Photo 9: Example of well casing and former roadbox void grouted with concrete.

Photo 10: Example of surface asphalt patch after grouting well casing.

Photo 11: Example of well casing and former road box void grouted with concrete in grass landscaped areas.

Photo 12: Example of final surface cover in grass landscape areas after grouting well casing.

APPENDIX C

WELL DECOMMISSIONING LOGS





PROJECT INFORMATION	WELL INFORMATION	
/SITE NAME:	WELL I.D.: MW-1	
517 Niagara Street		
Ellicott Development	Stick-up (feet):	
Job Number: 0136-002 -600	Screen Interval (fbgs): 9-17-51	
3-29-19	Drilling Company:	
C 690E 4445114 C	Drill Rig Type:	
C GGOF MOSTLY Sunny	Drilling Company Personnel:	
U Dy. CEN	Drining Company ressorner.	
DECOMMISSIONING PROCEDURES	S (per NYSDEC DER-10)	
	YES N	10
risibile? (If not, provide directions below)	X	
.D. visible?	×	
ocation matches site map? (If not, sketch actual location on bac	sk)	
.D. as it appears on protective casing or well:		
ce seal present?	×	
ce seal competenet? (If cracked, heaved, etc., describe below)		
ctive casing in good condition? (If damaged, describe below)	X	
space reading (ppm) and instrument used: V/A		
of protective casing and height of stickup in feet (if applicable):	Flush to among	
ctive casing material type: Metal	Thush to appared	
ure protective casing inside diameter (inches): 0.50		
present?	×	
functional?		
ou replace the lock?	_	
re evidence that the well is double cased? (If yes, describe below		
neasuring point visible?	X	
ure depth to water from measuring point (feet): 5 40		
ure well depth from measuring point (feet): 17.99		
ure well diameter (inches):		
easing material: PVC		
cal condition of visible well casing:		
n I.D. marker (if well I.D. is confirmed) and identify marker type:		
nity to underground or overhead utilities:		
ibe access to well: (Include accessibility to truck mounted rig, na	atural obstructions, overhead utilities,	
nity to permenant structures, etc.); Add sketch of location on bac	ck, if necessary.	
NX. less than one flot away from building.		
V		
ibe well setting (for example, located in a field, in a playground,	on pavement, in a garden, etc.)	
ssess the type of restoration required. in grass lawn		
iv any nearby notential sources of contamination, if present to a	gas station, salt nile, etc.)	
y any nearby potential sources of contamination, if present (e.g.	., yas station, sait pile, etc.)	
e		
rka		
rks:		



DECOMMISSIONING PROCEDURES	(per NYSDEC DER-10) - con	tinued
PROJECT/SITE NAME:	WELL I.D.:	
517 Niagura Street	MW-1	
Decommissioning Data (Fill in all that apply)	Well	Schematic*
Overdrillling Interval Drilled Drilling Method(s) Borehole Diameter (in.) Temp. Casing Installed? (Y/N) Depth temp. casing installed Casing type/diam (in.) Method of Installation Casing Pulling	Depth (feet)	50.) 9004t
Method employed Casing retrieved (feet) Casing type/diam. (in.) Casing Perforating Equipment used Number of perforaitons/foot Size of perforations Interval perforated		900-4
Interval grouted (fbgs) No. of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grount used (gal.)		
Comments Growted in place, wen below ground no.5' Surface,		ecommissioning data, including: interval ed, casing left in hole, well stickup, etc.

Drilling Contractor:

Department Rep.:



PROJECT INFORMATION	WE	LL INFORMATION	١
ROJECT/SITE NAME:	WELL I.D.: MW-8	ι	
517 Niagara Street			
Client: Enicott Development	Stick-up (feet):		
Project Job Number: 0/36 = 002 - 600	Screen Interval (fi		
Date: 8-aq-19	Drilling Company:		
Veather: Mostly Sunny	Drill Rig Type:		
Prepared by: CEN	Drilling Company	Personnel:	
DECOMMISSIONING PROC	EDURES (per NYSDEC DER-10)		
		YES	NO
Well visibile? (If not, provide directions below)			X
Well I.D. visible?			X
Well location matches site map? (If not, sketch actual location	n on back)	×	
Well I.D. as it appears on protective casing or well:			
Cumface and present?		F 12:	
Surface seal present? Surface seal competenet? (If cracked, heaved, etc., describe	helow)	X	-
Protective casing in good condition? (If damaged, describe be		×	
Total curve casing in good condition? (If damaged, describe be	DIOVV)	*	
Headspace reading (ppm) and instrument used: V/A			
Type of protective casing and height of stickup in feet (if appli	icable): 🍎 🕡 '		
Protective casing material type: Me tal	·		
Measure protective casing inside diameter (inches): 0.56			
Lock present?		r	V
Lock functional?			<u>X</u>
Did you replace the lock?			
Is there evidence that the well is double cased? (If yes, describe below)			
Well measuring point visible?			
Measure depth to water from measuring point (feet): 12.9	7		
Measure well depth from measuring point (feet): 15.65			
Measure well diameter (inches): 2"			
Well casing material: PVC			
Physical condition of visible well casing:			
Attach I.D. marker (if well I.D. is confirmed) and identify marked Proximity to underground or overhead utilities:	er type:		
Trovinity to underground or overnead utilities.			
Describe access to well: (Include accessibility to truck mounted		overhead utilities,	
proximity to permenant structures, etc.); Add sketch of location			
close to building and in landscaping. App	Prox. I fast away for	m building.	
	V		
Describe well setting (for example, located in a field, in a play	around on navement in a c	arden etc.)	
and assess the type of restoration required. in landscan		araen, etc.)	
The individual of the individual of the individual	ny .		
Identify any nearby potential sources of contamination, if pres	ent (e.g., gas station, salt pi	le, etc.)	
None			
Pomodos :	·	7	
Remarks: Well located in landscaping proximate	Small Pile the and	bush	



DECOMMISSIONING PROCEDURES (per NYSDEC DER-10) - continued			
PROJECT/SITE NAME: 517 Niogara Street	WELL I.D.:		
311 Winguita Street	Mw-2		
Decommissioning Data (Fill in all that apply)	Well	Schematic*	
Overdrillling Interval Drilled Drilling Method(s) Borehole Diameter (in.) Temp. Casing Installed? (Y/N) Depth temp. casing installed Casing type/diam (in.) Method of Installation	Depth (feet)	SO: 1 growt	
Casing Pulling Method employed Casing retrieved (feet) Casing type/diam. (in.) Casing Perforating Equipment used Number of perforaitons/foot Size of perforations Interval perforated		grout	
Interval grouted (fbgs) 0 - 15.65 No. of batches prepared For each batch record: Quantity of water used (gal.) 8 ggal Quantity of cement used (lbs.) 914 lbs Cement type Pochland Quantity of bentonite used (lbs.) 0.5 Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grount used (gal.)			
Comments Well Below grade andulment left in place and growted.		ecommissioning data, including: interval ted, casing left in hole, well stickup, etc.	
		=======================================	

Page 1 o

Drilling Contractor:

Department Rep.:



PROJECT INFORMATION	WELL	INFORMATION	
ROJECT/SITE NAME:	WELL I.D.: MW-3		
517 Niagara Street	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
lient: Enicott Development	Stick-up (feet):		
roject Job Number: 0136 - 000 - 600	Screen Interval (fbgs)): 8-17.5	
late: 8 - 29 - 19	Drilling Company:		
Veather: G40F Mostly Sunny	Drill Rig Type:		
repared by: CEH	Drilling Company Per	sonnel:	
DECOMMISSIONING PROCEDU	JRES (per NYSDEC DER-10)		
		YES NO	
Well visibile? (If not, provide directions below)		X N	
Well I.D. visible?		×	
Well location matches site map? (If not, sketch actual location or	n back)	X	
Well I.D. as it appears on protective casing or well:			
		T -2 T	
Surface seal present?	laud.	X	
Surface seal competenet? (If cracked, heaved, etc., describe bel	•	X	
Protective casing in good condition? (If damaged, describe below	N)	X	
Headspace reading (ppm) and instrument used: W/A			
Type of protective casing and height of stickup in feet (if application)	ole): Metal a u'		
Protective casing material type:	/· met o() 0 / 1		
Measure protective casing inside diameter (inches): 0.58			
Lock present?		×	
Lock functional?			
Did you replace the lock?		~_	
Is there evidence that the well is double cased? (If yes, describe	below)		
Well measuring point visible?		X	
Management denth to contact from an according point (fact), 6 70			
Measure depth to water from measuring point (feet): 6.78			
Measure well depth from measuring point (feet): 17.75			
Measure well diameter (inches): 2"			
Well casing material: PVL			
Physical condition of visible well casing: 9000			
Attach I.D. marker (if well I.D. is confirmed) and identify marker ty	ype:		
Proximity to underground or overhead utilities:			
Describe access to well: (Include accessibility to truck mounted r	ig, natural obstructions, over	rhead utilities,	
proximity to permenant structures, etc.); Add sketch of location o			
close to building, less than one foot away			
		112	
Describe well setting (for example, located in a field, in a playgro		en, etc.)	
and assess the type of restoration required. In grass laun			
Identify any nearby natestial appropria	la a ana ototion colt cile	oto \	
Identify any nearby potential sources of contamination, if present	(e.g., gas station, sait pile, e	aic.)	
None			
Remarks: 400 - 6 12 12 1/26 151 120 120 120 120 120	Company of the part of the company o		
Remarks: appears were was hit by wehicle or m. Pushed to the Side:	ower. Well Protective me	tal cosing	



DECOMMISSIONING PROCEDURES (per NYSDEC DER-10) - continued			
PROJECT/SITE NAME: 517 Nidgara Street	WELL I.D.;		
Decommissioning Data (Fill in all that apply)	Well Schematic*		
Overdrilling Interval Drilled Drilling Method(s) Borehole Diameter (in.) Temp. Casing Installed? (Y/N) Depth temp. casing installed Casing type diam (in.) Method of Installation Casing Pulling Method employed Twist off 3.5 of cosing Casing retrieved (feet) 3.5 Casing type/diam. (in.) Casing Perforating Equipment used Number of perforaitons/foot Size of perforations Interval perforated Grouting Interval grouted (fbgs) No. of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Portland Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grount used (gal.)	Depth (feet) 9rout		
Comments Removed metal protective casing and grouted in place	* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.		

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Drilling Contractor:

Department Rep.:



PROJECT INFORMATION	WELL INFORMATION
PROJECT/SITE NAME:	WELL I.D.: MW ~ 4
517 Niagara Street	
Client: Ellicott Development	Stick-up (feet):
Project Job Number: To136 -600	Screen Interval (fbgs): g 17.5
Date: 3- 39-19	Drilling Company: Trec Engineering
Weather: 69° F Mossly Sunny	Drill Rig Type:
Prepared by: CEN	Drilling Company Personnel: shore, Ec. C., She
DECOMMISSIONING PROCEDUR	
AMAIL della 180 (If yet money) de altre al	YES NO
Well visibile? (If not, provide directions below)	×
Well I.D. visible?	×
Well location matches site map? (If not, sketch actual location on ba	ack)
Well I.D. as it appears on protective casing or well:	
Surface seal present?	
•) X X
Surface seal competenet? (If cracked, heaved, etc., describe below	^
Protective casing in good condition? (If damaged, describe below)	X
Headspace reading (ppm) and instrument used: N/A	
Type of protective casing and height of stickup in feet (if applicable)	· روا . وام
Protective casing material type: Metal	· Plush
Measure protective casing inside diameter (inches): 0.50	
measure protective casing inside diameter (inches).	
Lock present?	X
Lock functional?	
Did you replace the lock?	
Is there evidence that the well is double cased? (If yes, describe be	low)
Well measuring point visible?	(OW)
vvoii modading point visible:	
Measure depth to water from measuring point (feet): 4,95	
Measure well depth from measuring point (feet): 17.14	
Measure well diameter (inches): 2"	
Well casing material: PVC	
Physical condition of visible well casing:	
Attach I.D. marker (if well I.D. is confirmed) and identify marker type	y·
Proximity to underground or overhead utilities: Storm water Dra	
East of well	an lacered appropriate approximately the graph of the gra
Describe access to well: (Include accessibility to truck mounted rig,	natural obstructions, overhead utilities,
proximity to permenant structures, etc.); Add sketch of location on b	ack, if necessary.
	•
Describe well setting (for example, located in a field, in a playground	d, on pavement, in a garden, etc.)
and assess the type of restoration required. a sphart Packing	10+
as Alban Santanan Sa	
Identify any nearby potential sources of contamination, if present (e.	g., gas station, salt pile, etc.)
None	
Domarka	
Remarks:	



DECOMMISSIONING PROCEDURE	S (per NYSDEC DER-10) - cor	ntinued
ROJECT/SITE NAME: 517 Niagara Street	WELL I.D.: MW-4	
Decommissioning Data (Fill in all that apply)	Wel	I Schematic*
	Death	
Overdrilling	Depth	asphall 1
Interval Drilled	(feet)	
Drilling Method(s) Borehole Diameter (in.)		9rut
		┥
Temp. Casing Installed? (Y/N) Depth temp. casing installed	_	┥
Casing type/diam (in.)	-	-
Method of Installation	-	-
iviethod of mistaliation		- 11
Casing Pulling	-	-
Method employed Twisted off tof 3 feet	-	-
Casing retrieved (feet) 3 feet		-
Casing tetrieved (leet) 3 1224 Casing type/diam. (in.) 2 inch es	-	-
Casing typerdiant. (iii.) & INCh 25		-
Casing Perforating	-	- I I
Equipment used	_	- 1 1 2
Number of perforaitons/foot	_	-
Size of perforations	-	-
Interval perforated		-
Grouting Interval grouted (fbgs) No. of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grount used (gal.) Comments	17:14'	
The state of the s	- WANTER	-
Removed metal protective casing and		
growted in place.		ecommissioning data, including: interval
Aspnall placed on top of grout to get to grade with paneing lot.	overdrilled, interval grou	ted, casing left in hole, well stickup, etc.

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Drilling Contractor:

Department Rep.:



PROJECT INFORMATION	WELL	INFORMATION	
ROJECT/SITE NAME: 517 Niagara Street	WELL I.D.: MW-5		
517 Magaza Street			
Client: Ellicott Development	Stick-up (feet):		
Project Job Number: 0136 - 003 - 600	Screen Interval (fbgs)	8-17.5	
Date: 8-a.g19	Drilling Company:		
Veather: GGOF Mostly Sunny	Drill Rig Type:		
Prepared by: ∠EN	Drilling Company Per	sonnel:	
	3 , , ,		
DECOMMISSIONING PROCED	URES (per NYSDEC DER-10)		
		YES	NO
Well visibile? (If not, provide directions below)		X	epper
Well I.D. visible?		-	×
Well location matches site map? (If not, sketch actual location o	n back)	×	
Well I.D. as it appears on protective casing or well:			
Curfosa anal presento		г , т	
Surface seal present?	Jour)	X	
Surface seal competenet? (If cracked, heaved, etc., describe be			
Protective casing in good condition? (If damaged, describe below	w)		
Headspace reading (ppm) and instrument used: N/A			
Type of protective casing and height of stickup in feet (if applical	ble). Elush		
Protective casing material type: Meta)	010).		
Measure protective casing inside diameter (inches): 0.50'			
Lock present?			X
Lock functional?			
Did you replace the lock?			
Is there evidence that the well is double cased? (If yes, describe	below)		W
Well measuring point visible?		×	
Measure depth to water from measuring point (feet): 4,45			
Measure well depth from measuring point (feet): 16.68			
Measure well diameter (inches):			
Well casing material: PVC			
Physical condition of visible well casing: 9000			
Attach I.D. marker (if well I.D. is confirmed) and identify marker t	wne.		
Proximity to underground or overhead utilities:	уре.		
Describe access to well: (Include accessibility to truck mounted		head utilities,	
proximity to permenant structures, etc.); Add sketch of location of	on back, if necessary.		
Describe well setting (for example, located in a field, in a playgro	ound, on pavement, in a garde	en, etc.)	
and assess the type of restoration required. Asphatt Parking		, 515.7	
and desired the type of testing and the type of testing			
		4 - \	
Identify any nearby potential sources of contamination, if presen	t (e.g., gas station, salt pile, e	etc.)	
Identify any nearby potential sources of contamination, if presenting None	t (e.g., gas station, salt pile, e	itc.)	
	t (e.g., gas station, salt pile, ε	rtc.)	
	t (e.g., gas station, salt pile, e	ic.)	



DECOMMISSIONING PROCEDURES (per NYSDEC DER-10) - continued		
PROJECT/SITE NAME: 517 Niagara Stret	WELL I,D.: MW~5	
Decommissioning Data (Fill in all that apply)	Well Schema	atic*
Overdrillling Interval Drilled Drilling Method(s) Borehole Diameter (in.) Temp. Casing Installed? (Y/N) Depth temp. casing installed Casing type/diam (in.) Method of Installation Casing Pulling	Depth (feet)	sphart
Method employed Twisted off First a feet of cosing Casing retrieved (feet) a feet Casing type/diam. (in.) a inch Casing Perforating Equipment used Number of perforations/foot Size of perforations Interval perforated		DD-4
Interval grouted (fbgs) No. of batches prepared For each batch record: Quantity of water used (gal.) Quantity of cement used (lbs.) Cement type Quantity of bentonite used (lbs.) Quantity of calcium chloride used (lbs.) Volume of grout prepared (gal.) Volume of grount used (gal.)		
Comments Removed metal protective cusing and sported in place asphalt placed on top of about to	* Sketch in all relevant decommissic overdrilled, interval grouted, casing	
asphalt placed on top of grout to get to grade with parking lot.		

Drilling Contractor:

Department Rep.:



WELL I.D.: Aw - 6 Stick-up (feet): - Screen Interval (fbgs): Drilling Company: Drill Rig Type: Drilling Company Pers S (per NYSDEC DER-10)	onnel:	
Screen Interval (fbgs): Drilling Company: Drill Rig Type: Drilling Company Pers	onnel:	
Screen Interval (fbgs): Drilling Company: Drill Rig Type: Drilling Company Pers	onnel:	
Screen Interval (fbgs): Drilling Company: Drill Rig Type: Drilling Company Pers	onnel:	
Drilling Company: Drill Rig Type: Drilling Company Pers	onnel:	
Drill Rig Type: Drilling Company Pers	YES	
Drilling Company Pers	YES	
	YES	
S (per NYSDEC DER-10)		
		NO
	X	
		X
ck)	X	
		X
0.151		
		×
ועער		
···,	×	
natural obstructions, overh	nead utilities,	
ack, if necessary.		
on navement in a gardo	on etc.)	
, on pavement, in a galde	, (10.)	
a		
	4-\	
g., gas station, sait pile, e	(C.)	
1	ck, if necessary. on pavement, in a garde	atural obstructions, overhead utilities, ick, if necessary. on pavement, in a garden, etc.)



DECOMMISSIONING PROCEDURES (per NYSDEC DER-10) - continued		
PROJECT/SITE NAME: 517 viagara Street	WELL I.D.: MW - 6	
Decommissioning Data (Fill in all that apply)	Well Schematic*	
Overdrillling Interval Drilled Drilling Method(s) Borehole Diameter (in.) Temp. Casing Installed? (Y/N) Depth temp. casing installed Casing type/diam (in.) Method of Installation	Depth (feet) Soil Grow	
Casing Pulling Method employed Casing retrieved (feet) Casing type/diam. (in.) Casing Perforating Equipment used Number of perforaitons/foot Size of perforations Interval perforated		
Grouting Interval grouted (fbgs) 0 -17.71 No. of batches prepared i For each batch record: Quantity of water used (gal.) 8 ggl Quantity of cement used (lbs.) 94 lb bas Cement type Portland Quantity of bentonite used (lbs.) 0.5 Quantity of calcium chloride used (lbs.)		
Volume of grout prepared (gal.) Volume of grount used (gal.) Comments Removed PUC outer casing and Ground in place, well casing More than one foot below ground so left in place	* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor:

Department Rep.: