

November 16, 2021

Bureau of Case Assignment & Initial Notice
Site Remediation Program
New Jersey Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

RE: **ANNUAL MONITORING AND MAINTENANCE REPORT**
Buena Vista Township Public Works Yard
430 Union Road
Buena Vista Township, Atlantic County, New Jersey 08360
Block 7101, Lot 25
NJDEP Incident #: 15-09-24-0947-44
NJDEP SRP PI #: 032698

To Whom it May Concern:

The following Immediate Environmental Concern (IEC) Annual Monitoring and Maintenance (AM&M) Report has been prepared by CALMAR Associates, LLC (CMA) on behalf of Buena Vista Township (BVT) for submittal to the New Jersey Department of Environmental Protection (NJDEP) Site Remediation Program (SRP). In accordance with New Jersey Administrative Code (N.J.A.C.) 7:26E-1.11(a)9, this report documents the monitoring of contaminated properties and potential potable well receptors impacted by the above referenced property (herein known as Site). See Figure 1 for Site location.

SITE HISTORY

In 2014, Volatile Organic Compounds (VOCs) were detected in private potable wells in the vicinity of the Site. As a result, the Atlantic County Health Department (ACHD) and NJDEP sampled potentially impacted potable wells in the area to evaluate the extent of contamination.

In addition, the NJDEP conducted an investigation to determine if the Site was a possible source of VOCs, mercury and/or perchlorate contamination identified in potable wells along Post Road. The NJDEP summarized its investigation in a Site Investigation Report (SIR)-2015. This document reported that neither mercury nor perchlorate was discovered in groundwater on-site at levels that would indicate an on-site source was impacting off-site wells. However, the NJDEP reported that VOCs including vinyl chloride (VC), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE) and trichloroethene (TCE) were present in on-site groundwater. Furthermore, the NJDEP concluded VOC contamination identified onsite had migrated off-site and is a source of VOC contamination in potable wells along Post Road.

ENGINEERED RESPONSE ACTION

Upon confirmation of groundwater contamination, impacted residences were eligible for Point of Entry Treatment (POET) systems through the New Jersey Spill Fund Claims Section (Spill Fund). The Spill Fund financed the installation, maintenance and monitoring of POET systems to treat private potable wells contaminated with Site-related (select VOCs) and non-Site related contamination (perchlorate and mercury),

In December 2018, BVT reimbursed the NJDEP for the installation, monitoring and maintenance of 13-POET systems that were installed to treat Site-related contaminants. Subsequently, the responsibility for maintaining and monitoring the POET systems installed to treat Site-related contamination was transferred from the Spill Fund to BVT. The Spill Fund continued to maintain and sample POET systems installed to treat mercury and/or perchlorate for original applicants.

Between 2019 and 2020, receptor delineation activities identified three (3) additional IEC conditions, and POET systems were installed to treat Site-related contamination at:

- 4328 Post Road – PAFACOM, Inc.
- 4266 Post Road – Capri Construction
- 4317 Post Road – Bertonazzi Residence

No additional IEC conditions have been identified since 2020; therefore, no additional POET systems were installed to treat Site-related contamination.

RECEPTOR DELINEATION

Volatile Organic Compounds

Between April 2014 and October 2015, the NJDEP collected water samples from 105-private potable wells in Buena Vista Township and the City of Vineland to investigate groundwater contamination in the vicinity of the Site.

In May 2017 and January 2019, the NJDEP re-sampled select private potable wells downgradient of the Site to confirm previous sampling results. Based upon the NJDEP's investigation, 13-private potable wells, located downgradient of the Site, were reported to be impacted with Site-related VOCs.

Subsequent investigation conducted by CMA in 2019 and 2020 identified two (2) additional private potable wells (4328 Post Road and 4266 Post Road) reported to be impacted with Site-related VOCs.

In 2021, raw water samples were collected and analyzed for Site-related VOC's from two (2) additional potable wells located at 4239 Post Road and 4678 Landis Avenue. No exceedances of the NJDEP Class II-A Groundwater Quality Criteria (GWQC) were reported in raw water samples at either location.

Per- and Polyfluoroalkyl substances

On March 13, 2019, the NJDEP established new interim specific groundwater quality standards for a group of man-made chemicals known as Per- and Polyfluoroalkyl substances (PFAS). CMA subsequently implemented a groundwater investigation to determine if PFAS were present in on-site groundwater. Reported analytical results indicated that PFAS were present in on-site monitoring wells and in temporary wells installed downgradient of the Site.

Based upon the identification of PFAS substances in on-site groundwater, CMA initiated a receptor delineation to determine if select PFAS (e.g., Perfluorononanoic acid (PFNA), Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanic acid (PFOA)) were present in potable wells in the vicinity of the Site.

In 2019 through 2020, 27-potable wells were sampled for PFNA, PFOS, and PFOA. Laboratory analysis indicated that PFAS were identified in exceedance of the NJDEP Class II-A GWQC in seven (7) of the wells sampled. PFAS contamination was reported in raw potable water samples at:

- 4268 Post Road – Lentz Residence
- 4273 Post Road – Gallino Residence
- 4254 Post Road – Bylone Residence
- 4310 Post Road – Fury Residence
- 4305 Post Road – Jost Residence
- 4266 Post Road – Capri Construction Company
- 4317 Post Road – Bertonazzi Residence

All locations, apart from 4317 Post Road (Bertonazzi Residence), also contain VOC impacts and were previously being treated by POET systems monitored by BVT. Upon confirmation of PFAS contamination at 4317 Post Road, a POET system was installed, and treated water tested to confirm compliance.

In 2021, a raw water sample was collected and analyzed for PFAS from the potable well located at 4239 Post Road. No exceedances of the NJDEP Class II-A GWQC were reported in raw water samples at this location.

A summary of sampling events conducted on behalf of BVT, and associated analytical results are present in the attached NJDEP Potable Well IEC Spreadsheet. Historic analytical results are presented on Figure 2 - Currently Known Extent (CKE) Map: Potable Well Contamination.

MONITORING AND MAINTENANCE PLAN

BVT currently monitors and maintains 16-granular activated carbon (GAC) POET systems installed to remove VOC and/or PFAS contamination from private potable wells located downgradient of the Site:

POET ADDRESS	PROPERTY OWNER	BLOCK	LOT
4268 POST ROAD	LARRY AND AMY LENTZ (former TAMBURRO / DRUZIAKO)	7101	37
4320 POST ROAD	SPEZIALI, PAUL AND LOLA	7101	33
4273 POST ROAD	GALLINO, JOHN AND NANCY	7601	13
4254 POST ROAD	BYLONE, GLORIA	7101	39

POET ADDRESS	PROPERTY OWNER	BLOCK	LOT
4310 POST ROAD	FURY, PETER*	7101	34.01
4324 POST ROAD	TURCHI, RONALD	7101	32
4245 POST ROAD	RICHARD & REBECCA KULL (former LEOPOLD)	7601	39
4321 POST ROAD	DOE, PAULA ANNE	7001	4
4313 POST ROAD	GILBERT, LARRY & LYNDA	7001	2
4301 POST ROAD	NICOLO, VINCENT & ANITA	7001	1.01
4249 POST ROAD	REGALBUTO, JOSEPH & RACHEL	7601	10
4305 POST ROAD	JOST, JAMES & KRISTIN OHNEMULLER	7001	1.02
4316 POST ROAD	SHAWN & VICTORIA MATOS (former SPEZIALI, BRIAN)	7101	34
4328 POST ROAD	PAFACOM INC	7101	31
4266 POST ROAD	CAPRI CONSTRUCTION COMPANY	7101	38
4317 POST ROAD	BERTONAZZI, PAUL & VAL	7001	3

*NOTE: At the request of the property owner, no sampling or maintenance has been conducted at 4310 Post Road since February 2020.

Monitoring and Maintenance

POET systems consist of pretreatment filters followed by dual treatment tanks piped in a series. Tanks contain 1.5 cubic ft. of virgin grade GAC. Boiler drain valves, located prior to treatment (RAW) and between the treatment tanks (TREATED), allow for the collection of monitoring samples.

Monitoring is accomplished via bi-annual (treated) sample collection to ensure the POET systems are operating as designed. Raw water samples are collected and analyzed annually.

If contamination in exceedance of one-half (1/2) of the NJDEP Class II-A GWQC (i.e., breakthrough) is identified in the treated sample, maintenance of the POET system is performed by a homeowner selected maintenance contractor. POET system maintenance is accomplished by re-bedding the first tank and putting it in the second tank position; the second tank is then placed in the first tank location. Following maintenance, treated samples are collected to confirm system integrity.

Upon receipt, a summary of analytical results are forwarded to the property owner. In addition, Full Laboratory Deliverables and Electronic Data Deliverables (EDDs) are forwarded to the NJDEP.

We trust that this report satisfies your requirements. Should you have any questions, please do not hesitate to contact the undersigned at 609.476.4500.

Very truly yours,



Ryan K. Seibert, LSRP
Project Manager

Attachments: TABLES
NJDEP Potable Well IEC Spreadsheet

FIGURES
Figure 1 - Site Location Map
Figure 2 - Currently Known Extent Map – Potable Well Contamination

Enclosures: NJDEP Immediate Environmental Concern (IEC) Response Action Form

c: Cesar Cevallos – NJDEP-BEMSA IEC Unit (*via email*)
Lisa A. Tilton, RMC/CMR – BVT (*via email*)
CMA File # 18-1823

POTABLE WELL: IEC SPREADSHEET

CASE NAME:	Buena Vista Township Public Works Yard
PI#:	032698
LSRP NAME:	RYAN K. SEIBERT
LSRP LICENSE #:	715048
SPREADSHEET REVISION DATE:	11/15/2021

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PROPERTY ID		PROPERTY OWNER/OCCUPANT INFORMATION								ANALYTICAL RESULTS (Bold all exceedances)																					
Block	Lot	Name	Relation	#	Street	City	Zip Code	Phone	email	Reason Not Sampled	Date Sampled	Sample Type	Sample ID #	COC1	PPB	COC2	PPB	COC3	PPB	COC4	PPB										
7601	39	KULL	Owner	4245	POST RD.	BUENA VISTA	08360	856-904-5352			2/28/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND										
											8/13/2019	Raw Water			25.3	ND		3.1	15.7												
											8/13/2019	Treated Water			ND	ND		4.5													
											10/30/2019	Treated Water			ND	ND		0.66													
											2/19/2020	Raw Water																			
											2/19/2020	Treated Water			ND	ND		ND													
											10/8/2020	Raw Water			19	ND		2.3	11												
											10/8/2020	Treated Water			ND	ND		9.3													
											12/21/2020	Treated Water			ND	ND		0.4 J													
											7/7/2021	Treated Water			ND	ND		7.2													
											BLANK ROW																				
											7601	10	REGALBUTO	Owner	4249	POST RD.	BUENA VISTA	08360	856-690-0761			1/31/2019	Raw Water		cis 1,2 Dichloroethylene	10.7	PCE	ND	TCE	0.77	Vinyl Chloride
1/31/2019	Treated Water			ND	ND		1.2																								
3/28/2017	Treated Water			ND	ND		ND																								
10/30/2019	Treated Water			ND	ND		3.3																								
2/25/2020	Raw Water			5.9	ND		4.6																								
2/25/2020	Treated Water			ND	ND		ND																								
10/8/2020	Treated Water			ND	ND		4.4																								
11/16/2020	Treated Water			ND	ND		2																								
1/4/2021	Treated Water			ND	ND		ND																								
7/13/2021	Raw Water			3.8	ND		2.6																								
7/13/2021	Treated Water			ND	ND		0.27 J																								
BLANK ROW																															
7101	39	BYLONE	Owner	4254	POST RD.	BUENA VISTA	08360	609-517-4300			7/24/2019	Raw Water		cis 1,2 Dichloroethylene	32.8	PCE	ND	TCE	2.5	Vinyl Chloride	14.1										
											7/24/2019	Treated Water			ND	ND		2.4													
											9/12/2019	Treated Water			ND	ND		ND													
											2/20/2020	Raw Water						ND													
											2/20/2020	Treated Water			ND	ND		ND													
											5/7/2020	Treated Water																			
											10/8/2020	Raw Water			30	ND		2.4	15												
											10/8/2020	Treated Water			ND	ND		7.5													
											11/16/2020	Treated Water			ND	ND		ND													
											5/18/2021	Raw Water																			
											5/18/2021	Treated Water			ND	ND		ND													
											BLANK ROW																				
7101	37	LENTZ	Owner	4268	POST RD.	BUENA VISTA	08360	609-381-9791			3/6/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND										
											9/18/2019	Raw Water			21.8	ND		1	5.8												
											9/18/2019	Treated Water			ND	ND		ND													
											2/18/2020	Raw Water			28.9	ND		1.2	8.8												
											2/18/2020	Treated Water																			
											5/7/2020	Treated Water			ND	ND		ND	4.4												
											12/21/2020	Treated Water			ND	ND		ND													
											7/7/2021	Raw Water			23	ND		1	10												
											7/7/2021	Treated Water			ND	ND		ND	0.99												
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POTABLE WELL: IEC SPREADSHEET

CASE NAME:	Buena Vista Township Public Works Yard
PI#:	032698
LSRP NAME:	RYAN K. SEIBERT
LSRP LICENSE #:	715048
SPREADSHEET REVISION DATE:	11/15/2021

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Block	Lot	Name	Relation	#	Street	City	Zip Code	Phone	email	Reason Not Sampled	Date Sampled	Sample Type	Sample ID #	COC1	PPB	COC2	PPB	COC3	PPB	COC4	PPB											
7601	13	GALLINO	Owner	4273	POST RD.	BUENA VISTA	08360	856-691-4679			5/14/2019	Treated Water		cis 1,2 Dichloroethylene	0.55	PCE	ND	TCE	ND	Vinyl Chloride	ND											
											11/14/2019	Raw Water			183		ND	29.2		ND												
											11/14/2019	Treated Water					ND		ND		ND											
											2/19/2020	Raw Water																				
											2/19/2020	Treated Water																				
											5/7/2020	Treated Water					ND		ND		ND											
											10/8/2020	Treated Water																				
											11/16/2020	Raw Water						81	ND		19	0.27 J										
											11/16/2020	Treated Water						2.3	ND		ND	ND										
											5/18/2021	Raw Water																				
											5/18/2021	Treated Water						7.8	ND		ND	ND										
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7001	1.01	NICOLO	Owner	4301	POST RD.	BUENA VISTA	08360	856-794-2132			5/14/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND											
											11/14/2020	Raw Water			16.6		ND	2.8		ND												
											11/14/2020	Treated Water			0.97		ND		ND		ND											
											2/19/2020	Raw Water																				
											5/7/2020	Treated Water					3.5		ND		ND											
											11/16/2020	Raw Water					10		ND		2.1											
											11/16/2020	Treated Water					10		ND		ND											
											5/18/2021	Treated Water					12		ND		ND											
											BLANK ROW																					
											7001	1.02	JOST	Owner	4305	POST RD.	BUENA VISTA	08360	609-501-0169			2/28/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND
																						8/13/2019	Raw Water			31.4		ND	7.4		ND	
8/13/2019	Treated Water			32.4		ND		ND		ND																						
2/18/2020	Raw Water																															
2/18/2020	Treated Water					29.8		ND		1																						
5/7/2020	Treated Water					ND		ND		ND																						
12/21/2020	Raw Water					6.4		ND		1.8																						
12/21/2020	Treated Water					0.96		ND		ND																						
7/7/2021	Raw Water																															
7/7/2021	Treated Water					4		ND		ND																						
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7101	34.01	FURY	Owner	4310	POST RD.	BUENA VISTA	08360	856-691-2733			3/21/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND											
											9/18/2019	Raw Water			292		ND	87.3		0.75												
											9/18/2019	Treated Water					ND		ND		ND											
											2/19/2020	Raw Water																				
											2/19/2020	Treated Water					ND		ND		0.72											
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7001	2	GILBERT	Owner	4313	POST RD.	BUENA VISTA	08360	856-982-3139			1/30/2019	Raw Water		cis 1,2 Dichloroethylene	31.1	PCE	ND	TCE	2.5	Vinyl Chloride	6.3											
											1/30/2019	Treated Water			ND		ND		ND		ND											
											7/24/2019	Treated Water			ND		ND		ND		ND											
											2/18/2020	Raw Water			29.7		ND		ND		2.1											
											2/18/2020	Treated Water			ND		ND		ND		ND											
											10/8/2020	Treated Water			ND		ND		ND		0.87											
											11/16/2020	Treated Water			3.7		ND		ND		0.31 J											
											12/21/2020	Treated Water			ND		ND		ND		ND											
											7/7/2020	Raw Water			31		ND		ND		2.9											
											7/7/2020	Treated Water			ND		ND		ND		ND											
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POTABLE WELL: IEC SPREADSHEET

CASE NAME:	Buena Vista Township Public Works Yard
PI#:	032698
LSRP NAME:	RYAN K. SEIBERT
LSRP LICENSE #:	715048
SPREADSHEET REVISION DATE:	11/15/2021

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Block	Lot	Name	Relation	#	Street	City	Zip Code	Phone	email	Reason Not Sampled	Date Sampled	Sample Type	Sample ID #	COC1	PPB	COC2	PPB	COC3	PPB	COC4	PPB
7101	34	MATOS	Owner	4316	POST RD.	BUENA VISTA	08360	609-364-7220			3/6/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND
											8/13/2019	Raw Water			46.6		ND		45.5		14.3
											8/13/2019	Treated Water			ND		ND		ND		0.52
											10/30/2019	Treated Water			ND		ND		ND		0.67
											2/18/2020	Raw Water									
											2/18/2020	Treated Water			ND		ND		ND		ND
											10/8/2020	Raw Water			47		ND		45		11
											10/8/2020	Treated Water			ND		ND		ND		ND
											4/8/2021	Treated Water			ND		ND		ND		ND
											10/28/2021	Raw Water			48		ND		37		12
											10/28/2021	Treated Water			ND		ND		ND		5.9
BLANK ROW																					
7101	33	SPEZIALI, P	Owner	4320	POST RD.	BUENA VISTA	08360	856-696-4272			3/6/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND
											9/18/2019	Raw Water			395		ND		77.9		19.5
											9/18/2019	Treated Water			ND		ND		ND		14.3
											2/18/2020	Treated Water			ND		ND		ND		2.2
											5/7/2020	Treated Water			ND		ND		ND		ND
											11/16/2020	Raw Water			330		0.17 J		54		18
											11/16/2020	Treated Water			ND		ND		ND		5.2
											1/4/2021	Treated Water			ND		ND		ND		ND
											7/13/2021	Raw Water			290		0.19 J		56		21
											7/13/2021	Treated Water			ND		ND		ND		2.1
											10/28/2021	Treated Water			ND		ND		ND		ND
BLANK ROW																					
7001	4	DOE	Owner	4321	POST RD.	BUENA VISTA	08360	856-692-2645			3/6/2019	Raw Water		cis 1,2 Dichloroethylene	4.7	PCE	1.3	TCE	ND	Vinyl Chloride	ND
											3/6/2019	Treated Water			ND		ND		ND		ND
											9/18/2019	Raw Water									
											9/18/2019	Treated Water			ND		ND		ND		ND
											2/18/2020	Raw Water			6.4		ND		1.2		ND
											2/18/2020	Treated Water			ND		ND		ND		ND
											10/8/2020	Treated Water			ND		ND		ND		ND
											4/8/2021	Raw Water			5.4		ND		1.1		ND
											4/8/2021	Treated Water			ND		ND		ND		ND
											10/28/2021	Treated Water			ND		ND		ND		ND
											BLANK ROW										
7101	32	TURCHI	Owner	4324	POST RD.	BUENA VISTA	08360	609-929-2150			7/3/2019	Treated Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND
											11/20/2019	Raw Water			42.1		ND		9.2		1.2
											11/20/2019	Treated Water			ND		ND		ND		ND
											5/7/2020	Treated Water			ND		ND		ND		0.52
											10/8/2020	Treated Water			ND		ND		ND		1.1
											12/21/2020	Raw Water			52		ND		11		1.2
											12/21/2020	Treated Water			ND		ND		ND		0.95
											2/17/2021	Treated Water			ND		ND		ND		1
											3/1/2021	Treated Water			ND		ND		ND		1.2
											3/1/2021	Final			ND		ND		ND		ND
											4/27/2021	Treated Water			ND		ND		ND		ND
7/13/2021	Treated Water			ND		ND		ND		ND											
BLANK ROW																					

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7101	31	PAFACOM INC.	Owner	4328	POST RD.	BUENA VISTA	08360	856-696-1661			1/30/2019	Raw Water		cis 1,2 Dichloroethylene	12.6	PCE	ND	TCE	ND	Vinyl Chloride	4.2		
											4/11/2019	Treated Water			ND		ND		ND		ND		
											9/18/2019	Raw Water				25		ND		ND		6.3	
											9/18/2019	Treated Water					ND		ND		ND	3.4	
											2/18/2020	Treated Water					ND		ND		ND	0.98	
											5/7/2020	Treated Water					ND		ND		ND	ND	
											11/16/2020	Raw Water				4.8		ND		ND		4.5	
											11/16/2020	Treated Water					ND		ND		ND	4.5	
											1/4/2021	Treated Water					ND		ND		ND	ND	
BLANK ROW																							
7101	38	CAPRI Construction	Owner	4266	POST RD.	BUENA VISTA	08360	856-297-1879			8/6/2019	Raw Water		cis 1,2 Dichloroethylene	27.1	PCE	ND	TCE	3.9	Vinyl Chloride	3.1		
											2/19/2020	Raw Water			25		ND		ND		9.4	ND	
											6/17/2020	Treated Water					ND		ND		ND	ND	
											12/21/2020	Treated Water					ND		ND		ND	ND	
											7/7/2021	Raw Water				32		ND		ND		12	1.5
											7/7/2021	Treated Water					ND		ND		ND	ND	
BLANK ROW																							
7001	3	BERTONAZZI	Owner	4317	POST RD.	BUENA VISTA	08360	856-777-3458			2/18/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride			
											5/7/2020	Raw Water			ND		ND		ND		ND	ND	
											8/28/2020	Treated Water											
											4/8/2021	Raw Water											
											4/8/2021	Treated Water											
BLANK ROW																							
7101	25	BUENA VISTA TWP.	Owner	430	UNION RD.	BUENA VISTA	08360	856-697-2100			9/18/2019	Raw Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND		
											8/13/2019	Raw Water											
											BLANK ROW												
7101	40	KRENZER	Owner	4246	POST RD.	BUENA VISTA	08360	620-716-1425			7/24/2018	Raw Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND		
											6/17/2020	Raw Water											
											BLANK ROW												
7601	36	HURBAN	Owner	4253	POST RD.	BUENA VISTA	08360	856-696-0805			2/20/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride			
											BLANK ROW												
											BLANK ROW												
7601	11	RICHERT	Owner	4259	POST RD.	BUENA VISTA	08360	609-501-0932			2/19/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride			
											BLANK ROW												
											BLANK ROW												
7601	12	BATTISTINI	Owner	4265	POST RD.	BUENA VISTA	08360	856-697-2718			2/19/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride			
											BLANK ROW												
											BLANK ROW												
7101	35	MADEIRA	Owner	4302	POST RD.	BUENA VISTA	08360	732-742-0299			2/18/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride			
											BLANK ROW												
											BLANK ROW												

POTABLE WELL: IEC SPREADSHEET

CASE NAME:	Buena Vista Township Public Works Yard
PI#:	032698
LSRP NAME:	RYAN K. SEIBERT
LSRP LICENSE #:	715048
SPREADSHEET REVISION DATE:	11/15/2021

DIRECTIONS FOR ADDING DATA ROWS AND ADDITIONAL LOCATIONS

To Add Additional Rows for a sample location
LEAVE BLUE ROW BLANK
Right click the BLUE ROW # and Select INSERT
New Row will be added above the BLUE ROW

To add new locations select New Location Template tab at bottom of screen.
Follow directions on New Location Template sheet

PROPERTY ID		PROPERTY OWNER/OCCUPANT INFORMATION								ANALYTICAL RESULTS (Bold all exceedances)											
Block	Lot	Name	Relation	#	Street	City	Zip Code	Phone	email	Reason Not Sampled	Date Sampled	Sample Type	Sample ID #	COC1	PPB	COC2	PPB	COC3	PPB	COC4	PPB
7001	5.01	BURKE	Owner	4325	POST RD.	BUENA VISTA	08360	609-579-6475			2/18/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride	
		BLANK ROW																			
7101	30	CAPRIOTTA	Owner	4332	POST RD.	BUENA VISTA	08360	609-774-5642			2/18/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride	
		BLANK ROW																			
7001	5.02	VOLPE	Owner	4333	POST RD.	BUENA VISTA	08360	609-457-2613			2/19/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride	
		BLANK ROW																			
7601	14	JOST	Owner	139	CIMINO BLVD.	BUENA VISTA	08360	856-691-1099			6/17/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride	
		BLANK ROW																			
7001	37	DOLSON	Owner	140	CIMINO BLVD.	BUENA VISTA	08360	856-692-2900			6/17/2020	Raw Water		cis 1,2 Dichloroethylene		PCE		TCE		Vinyl Chloride	
		BLANK ROW																			
7601	38	LINN	Owner	4239	POST RD.	BUENA VISTA	08360	856-691-5048			2/17/2021	Raw Water		cis 1,2 Dichloroethylene	2	PCE	ND	TCE	ND	Vinyl Chloride	0.85
		BLANK ROW																			
7601	32	JERSEY PANEL	Owner	4678	LANDIS AVE.	BUENA VISTA	08360	856-691-7200			5/19/2021	Raw Water		cis 1,2 Dichloroethylene	ND	PCE	ND	TCE	ND	Vinyl Chloride	ND
		BLANK ROW																			

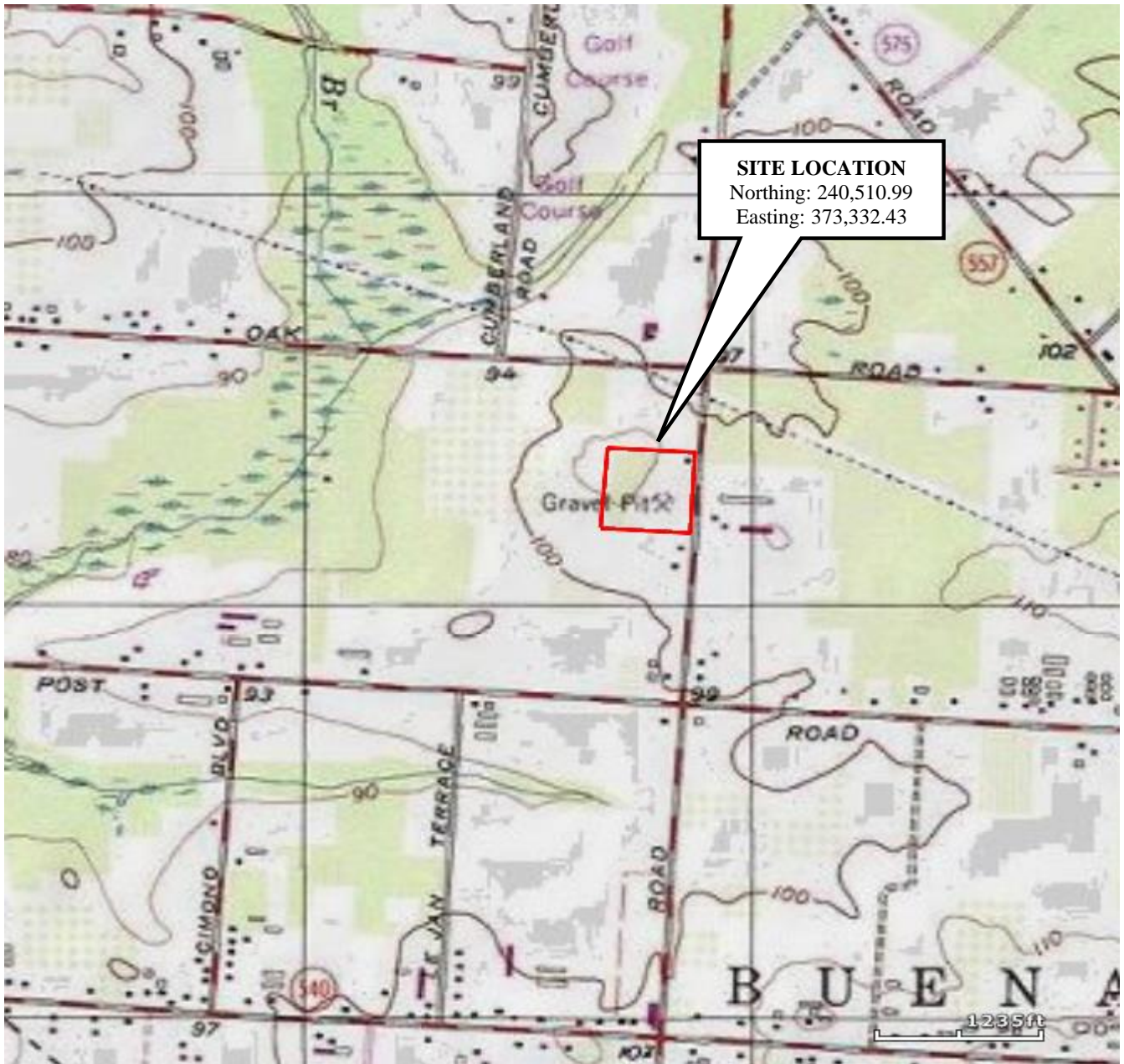
COC5	PPT	COC6	PPT	COC7	PPT	INTERIM RESPONSE - 5 DAYS			ENGINEERED SYSTEM RESPONSE ACTION- 60 DAYS				Well Type	IEC	Comments
						Date Provided	Type	Provided by	Date	Control	POET Type	Monitoring Schedule			
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	2.6		4.5		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	2.4		2.5		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	11		11		0.66										
	ND		ND		ND										
	ND		ND		ND										
	8		12		0.52 J										
	ND		ND		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	23		28		ND										
	19		20		1.8										
	ND		ND												
	ND		ND												
	19		29		3										

COC5	PPT	COC6	PPT	COC7	PPT	INTERIM RESPONSE - 5 DAYS			ENGINEERED SYSTEM RESPONSE ACTION- 60 DAYS				Well Type	IEC	Comments
						Date Provided	Type	Provided by	Date	Control	POET Type	Monitoring Schedule			
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	4.5		15		ND										
	3.3		12		0.66										
	ND		ND		ND										
	ND		ND		ND										
	3.9		14		1.2 J										
	ND		ND		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	ND		ND		ND										
	ND		ND		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	0.86		12		ND										
	ND		ND		ND										
	0.96 J		15		0.71 J										
	ND		0.45 J		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	8.70		22.00												
	7.20		16.00												
	0.79		4.60												
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	ND		1.60		ND										

COC5	PPT	COC6	PPT	COC7	PPT	INTERIM RESPONSE - 5 DAYS			ENGINEERED SYSTEM RESPONSE ACTION- 60 DAYS				Well Type	IEC	Comments
						Date Provided	Type	Provided by	Date	Control	POET Type	Monitoring Schedule			
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	ND		0.79		ND										
PFOS	ND	PFOA	ND	PFNA	ND					POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
PFOS	ND	PFOA	9.60	PFNA	ND					POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
PFOS	ND	PFOA	ND	PFNA	ND					POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	

COC5	PPT	COC6	PPT	COC7	PPT	INTERIM RESPONSE - 5 DAYS			ENGINEERED SYSTEM RESPONSE ACTION- 60 DAYS				Well Type	IEC	Comments
						Date Provided	Type	Provided by	Date	Control	POET Type	Monitoring Schedule			
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	ND		ND		ND										
PFOS		PFOA		PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	3.3		12.0												
	ND		ND												
	ND		ND		ND										
	10.0		19.0		1.3 J										
	ND		ND		ND										
PFOS	13.0	PFOA	20.0	PFNA						POET	GAC	Raw:1/yr, Trt:2/yr	Domestic Potable	Yes	
	11.0		17.0												
	ND		ND												
	9.8		13.0		1.6 J										
	0.78 J		1.6 J		ND										
PFOS		PFOA		PFNA									Public Non-commun	NO	
	ND		ND												
PFOS		PFOA		PFNA									Domestic Potable	NO	
	ND		ND												
PFOS	ND	PFOA	ND	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	ND	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	ND	PFNA									Domestic Potable	NO	

COC5	PPT	COC6	PPT	COC7	PPT	INTERIM RESPONSE - 5 DAYS			ENGINEERED SYSTEM RESPONSE ACTION- 60 DAYS				Well Type	IEC	Comments
						Date Provided	Type	Provided by	Date	Control	POET Type	Monitoring Schedule			
PFOS	ND	PFOA	ND	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	0.72	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	0.56	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	ND	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	ND	PFNA									Domestic Potable	NO	
PFOS	ND	PFOA	ND	PFNA	ND								Domestic Potable	NO	
PFOS		PFOA		PFNA									Domestic Potable	NO	



USGS 7.5 MINUTE TOPOGRAPHIC MAP
FIVE POINTS QUADRANGLE - 1977

NORTH



**BUENA VISTA TWP. PUBLIC
WORKS YARD**

430 UNION ROAD
BLOCK 7101, LOT 25
BUENA VISTA TOWNSHIP
ATLANTIC COUNTY, NJ

SITE LOCATION MAP

CALMAR ASSOCIATES LLC.

1415 13th Avenue
Dorothy, NJ 08317

DRWN: MT

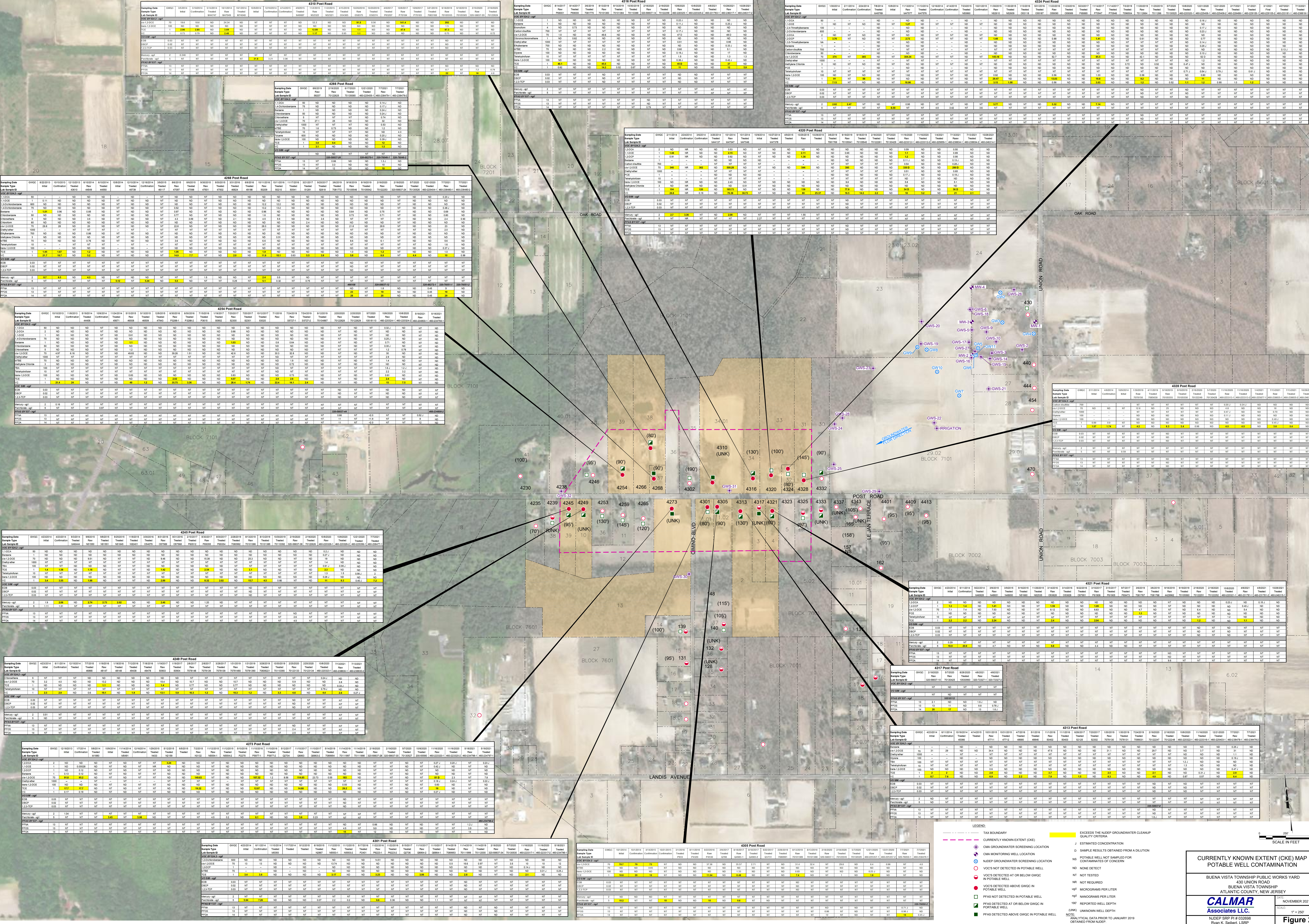
RYAN K. SEIBERT, LSRP

CHK'D: RKS

SRP PI# 032698

APPD:

FIGURE 1



CURRENTLY KNOWN EXTENT (CKE) MAP POTABLE WELL CONTAMINATION
BUENA VISTA TOWNSHIP PUBLIC WORKS YARD
430 UNION ROAD
BUENA VISTA TOWNSHIP
ATLANTIC COUNTY, NEW JERSEY

NOVEMBER 2021
SCALE: 1" = 20'
Figure 2

Prepared by: **CALMAR ASSOCIATES LLC**
NJDEP SRP PI # 032695
Date: 11/20/21
Prepared For: Ryan K. Seibel, ES&P



New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program

**IMMEDIATE ENVIRONMENTAL CONCERN (IEC) –
 RESPONSE ACTION FORM**

LSRP Subsurface Evaluator

Date Stamp
 (For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Buena Vista Twp. Public Works Yard

List all AKAs: _____

Street Address: 430 Union Road

Municipality: Buena Vista Township (Township, Borough or City)

County: Atlantic Zip Code: 08360

Program Interest (PI) Number(s): 032698

Case Tracking Number(s): OSA150001

SECTION B. NJDEP CASE MANAGER

Case Manager (if assigned): Cesar Cevallos

SECTION C. TYPE(S) OF IEC BEING REPORTED

1. Identify the type(s) of IEC being reported. (Check all that apply)

- Potable Water
- Vapor Intrusion
- Direct Contact

2. Are you claiming the source of the discharge is located off-site and is not attributable to the site? Yes No

If "Yes," justification for this claim must be submitted with this form pursuant to N.J.A.C. 7:26-3.9.

SECTION D. FEE BILLING CONTACT

Business Name: Buena Vista Township Phone: (856) 697-2100

Contact: Lisa A. Tilton, CPM/RMC/CMR/TA Title: Administrator / Township Clerk

Phone Number: (856) 697-2100 Ext.: _____ Fax: (856) 697-8651

Mailing Address: 890 Harding Highway, PO Box 605

Municipality: Buena State: New Jersey Zip Code: 08310

Email Address: ltilton@buenavistanj.com

Note: IEC and VC cases are subject to traditional oversight costs in addition to annual Remediation Fees.
 Please refer to instructions.

SECTION E. TYPE OF SUBMISSION

14 Day Reporting – IEC Information Submission

1. Date of initial IEC Identification: _____
2. Date(s) of Department Hotline Notification (Required) : _____
3. Date of Interim Response Action: _____
4. Date of Health Department Notification: _____

Contact Name/Agency: _____

If the type of IEC is Vapor Intrusion answer question 5.

5. Is the VI pathway complete? Yes No

Answer "Yes," only if both a subslab and indoor air sample exceed the applicable Rapid Action Level for the contaminant of concern.

If "No," this is not an IEC and this form should not be submitted to the NJDEP. If a subslab and indoor air sample are below Rapid Action Levels but above applicable screening levels the "Vapor Concern (VC) – Response Action Form" should be submitted to the NJDEP.

120-Day Reporting – IEC Engineered System Response Action Report

1 Year Reporting – IEC Source Control Report

Annual Monitoring and Maintenance Report

SECTION F. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION

Full Legal Name of the Person Responsible for Conducting the Remediation: Buena Vista Township

Representative First Name: Lisa Representative Last Name: Tilton

Title: Administrator / Township Clerk

Phone Number: (856) 697-2100 Ext: 11 Fax: (856) 697-8651

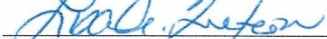
Mailing Address: 890 Harding Highway, PO Box 605

City/Town: Buena State: New Jersey Zip Code: 08310

Email Address: ltilton@buenavistanj.com

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Signature:  Date: 11/16/2021

Name/Title: Lisa A. Tilton, CPM/RMC/CMR/TA

SECTION G. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENT

LSRP ID Number: 715048

First Name: Ryan Last Name: Seibert

Phone Numbers: (609) 476-4500 Ext.: 12 Fax: (609) 476-4300

Mailing Address: 1415 13th Avenue

Municipality: Dorothy State: New Jersey Zip Code: 08317

Email Address: CALMARAssociates@aol.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

(1) I certify, as a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C-1 et seq. to conduct business in New Jersey, that for the remediation described in this submission, and all attachments included in this submission, I personally: Managed, supervised, or performed the remediation conducted at this site that is described in this submission, and all attachments included in this submission; and/or periodically reviewed and evaluated the work performed by other persons that forms the basis for the information in this submission; and/or completed the work of another site remediation professional, licensed or not, after having: (1) reviewed all available documentation on which I relied; (2) conducted a site visit and observed the then-current conditions and verified the status of as much of the work as was reasonably observable; and (3) concluded, in the exercise of my independent professional judgment, that there was sufficient information upon which to complete any additional phase of remediation and prepare workplans and reports related thereto.

- (2) I certify:
- That I have read this submission and all attachments to this submission;
 - That in performing the professional services as the licensed site remediation professional for the entire site or each area of concern, I adhered to the professional conduct standards and requirements governing licensed site remediation professionals provided in N.J.S.A. 58:10C-16;
 - That the remediation conducted at the entire site or each area of concern, that is described in this submission and all attachments to this submission, was conducted pursuant to and in compliance with the remediation requirements in N.J.S.A. 58:10C-14.c;
 - That the remediation described in this submission, and all attachments to this submission, was conducted pursuant to and in compliance with the regulations of the Site Remediation Professional Licensing Board at N.J.A.C. 7:26I; and
 - That the information contained in this submission and all attachments to this submission is true, accurate, and complete.

(3) I certify, when this submission includes a response action outcome, that the entire site or each area of concern has been remediated in compliance with all applicable statutes, rules, and regulations and is protective of public health and safety and the environment.

(4) I certify that no other person is authorized or able to use any password, encryption method, or electronic signature that the Board or the Department have provided to me.

- (5) I certify that I understand and acknowledge that:
- If I knowingly make a false statement, representation, or certification in any document or information I submit to the Department I may be subject to civil and administrative enforcement pursuant to N.J.S.A. 58:10C-17.a.1(a)through (f) by the Board, including but not limited to license suspension, revocation, or denial of renewal; and
 - If I purposely, knowingly, or recklessly make a false statement, representation, or certification in any application, form, record, document or other information submitted to the Department or required to be maintained pursuant to the Site Remediation Reform Act, I shall be guilty, upon conviction, of a crime of the third degree and shall, notwithstanding the provisions of subsection b. of N.J.S.2C:43-3, be subject to a fine of not less than \$5,000 nor more than \$75,000 per day of violation, or by imprisonment, or both.

(6) I certify that I have read this certification prior to signing, certifying, and making this submission.

LSRP Signature: 

Date: 11-16-2021

LSRP Name: Ryan K. Seibert

Company Name: CALMAR Associates, LLC

SECTION G. SUBSURFACE EVALUATOR UST REPORT CERTIFICATION FORM

Certification by the Subsurface Evaluator:

I certify under penalty of law that the work was performed under my oversight and I have reviewed the report and all attached documents, and the submitted information is true, accurate and complete in accordance with the requirements of N.J.A.C. 7:14B and N.J.A.C. 7:26E. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information including fines and/or imprisonment.

Name: _____	UST Cert. No.: _____
Firm: _____	Firm's UST Cert. Number: _____
Firm Address: _____	
City/Town: _____	State: _____ Zip Code: _____
Phone Number: _____	Ext: _____ Fax: _____
Email Address: _____	
Signature: _____	Date: _____

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice
Site Remediation Program
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

And electronically to: DEPSRP_ICU@dep.nj.gov