

Mr. Michael MacCabe New York State Department of Environmental Conservation Division of Environmental Remediation 47-20 21st Street Long Island City, New York 11101

Date: January 27, 2021 Our Ref: 30008340.00003 Subject: Monitoring Well Decommissioning Report Mobil Branded Service Station Mobil #10954 (17-HMB) 138-50 Hillside Avenue Jamaica, New York NYSDEC Case No. 01-101410 Arcadis of New York, Inc. One HSBC Plaza 100 Chestnut Street Suite 1020 Rochester New York 14604 Phone: 585 662 4044 Fax: 585 385 4198 www.arcadis.com

Dear Mr. MacCabe,

Arcadis of New York, Inc. (Arcadis) is submitting this Monitoring Well Decommissioning Report for Mobil #10954 (17-HMB) located at 138-50 Hillside Avenue, Jamaica, New York (Figure 1 and Figure 2), on behalf of Alliance Energy, LLC (Alliance). This letter presents monitoring well decommissioning activities recently completed at the site and serves as documentation of site closure. The New York State Department of Environmental Conservation (NYSDEC) issued a directive of No Further Action (NFA) required for Spill Number 01-101410 via email on October 20, 2020. A copy of the correspondence is included as Appendix A.

Activities Completed

From December 7 through December 11, 2020, a total of 27 monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-B, MW-C, AS-101, AS-102, AS-103, AS-104, AS-105, AS-106, IP-1, IP-2, IP-3, IP-4, IP-5, IP-6, IP-7, SVE-101, and SVE-102) were abandoned by Clean Global Environmental, LLC. All wells were abandoned in accordance with the NYSDEC Groundwater Monitoring Well Decommissioning Policy CP-43.

Procedure

The 27 monitoring wells were grouted in place with a portland cement/bentonite mixture to grade. Concrete pads and road boxes were then removed. Surface completions for all on-site wells were backfilled with square concrete patches to grade. A photo log of abandonment activities is included as Appendix B and well decommissioning records are included as Appendix C.

Waste material (concrete/steel) was deemed non-hazardous and combined with other similar material. The material was then taken off site by Clean Globe Environmental, LLC and disposed of at an approved facility.

Mr. Michael MacCabe NYSDEC January 27, 2021

Notes

If the NYSDEC has any questions or comments about this report, please feel free to contact Arcadis at 585-662-4044 or at <u>Nicholas.Beyrle@arcadis.com</u>.

Sincerely, Arcadis of New York, Inc.

(Tahans) Baye tcholog

Nicholas Beyrle, P.G. Project Geologist

Email: Nicholas.Beyrle@arcadis.com Telephone: 585-662-4044

CC. David Went, Alliance Energy, LLC

Enclosures:

Figures Figure 1: Site Location Map Figure 2: Site Plan

Appendices

Appendix A: NYSDEC Correspondence Appendix B: Well Abandonment Photo Log Appendix C: Well Decommissioning Records





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LEGEND:

MONITORING WELL

TANK FIELD WELL

↔ INJECTION WELL

 \otimes CLEAN-OUT

FIRE HYDRANT

VACUUM

SUBWAY (UNDERGROUND)

CATCH BASIN

(E) ELECTRIC VAULT

S SEWER VAULT

W WATER SUPPLY VAULT

G NATURAL GAS VAULT

UST UNDERGROUND STORAGE TANK

AST ABOVE GROUND STORAGE TANK

APPROXIMATE LOCATION OF SOIL VAPOR EXTRACTION WELL (SVE)

APPROXIMATE LOCATION OF AIR SPARGE WELL (AS)

NOTE:

1. THIS DRAWING IS REFERENCED FROM THE FOLLOWING:

A. "GROUNDWATER ELEVATION CONTOUR AND HYDROCARBON DISTRIBUTION MAP", BY: KLEINFELDER, DATED: 10/25/10, SCALE: 1"=30'.

2. LOCATIONS FOR AIR SPARGE (AS) AND SOIL VAPOR EXTRACTION (SVE) WELLS ARE APPROXIMATE.

0	30'	60'

GRAPHIC SCALE

MOBIL BRANDED SERVICE STATION FORMER MOBIL #10954 (17-HMB) 138-50 HILLSIDE AVENUE JAMAICA, NEW YORK

SITE PLAN

ARCADIS Design & Consultancy for natural and built assets

FIGURE **2**



NYSDEC Correspondence

Beyrle, Nicholas

From:	MacCabe, Michael (DEC) <michael.maccabe@dec.ny.gov></michael.maccabe@dec.ny.gov>
Sent:	Tuesday, October 20, 2020 1:30 PM
То:	Beyrle, Nicholas; Oertling, Jerome
Subject:	138-50 Hillside Avenue, NYSDEC Spill # 0101410

Klaus, Jerome:

Based on the data and findings presented in the January 2020 Remedial Completion Report and the subsequent data provided in the September 2020 Site Status Update Report documenting a significant decrease in in BTEX concentrations in groundwater and a decrease in mass recovery via the AS/SVE system, the request to cease operation of the system is acceptable.

Spill # 0101410 will be closed.

Thank you, **Michael D. MacCabe, P.E.** Senior Environmental Engineer Division of Environmental Remediation

New York State Department of Environmental Conservation 625 Broadway, Albany, NY 12233-7016 518-402-9687 <u>michael.maccabe@dec.ny.gov</u>

www.dec.ny.gov







Well Abandonment Photo Log



Service Station #10954 (17-HMB) 138-50 Hillside Avenue Jamaica, New York



Picture: 1 Date: 12/07/2020



Picture: 2 Date: 12/07/2020



Service Station #10954 (17-HMB) 138-50 Hillside Avenue Jamaica, New York



Picture: 3 **Date:** 12/07/2020



Picture: 4 Date: 12/07/2020



Service Station #10954 (17-HMB) 138-50 Hillside Avenue Jamaica, New York



Picture: 5 Date: 12/07/2020



Picture: 6 Date: 12/07/2020



Service Station #10954 (17-HMB) 138-50 Hillside Avenue Jamaica, New York



Picture: 7 Date: 12/07/2020



Picture: 8 Date: 12/07/2020



Service Station #10954 (17-HMB) 138-50 Hillside Avenue Jamaica, New York



Picture: 9 Date: 12/07/2020



Picture: 10 Date: 12/07/2020



Well Decommissioning Records

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020 MW-1

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		<u> </u>
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	-	
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	48	3.6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	35	5.96
MEASURE WELL DIAMETER (Inches):	4 Ir	nches
WELL CASING MATERIAL:	P	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	NA	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-1
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMA	ΓIC*	:
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-48.6
Method of installing	NA				ft bas)
Ũ					
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		-		
8 71 ()			-		
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA				
Interval perforated	NA				
1					
GROUTING		40			
Interval grouted (FBLS)	0-48.6ft bgs				
# of batches prepared	NA		-		
For each batch record:			-		
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50	-		
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA		1		
Volume of grout used (gal.)	NA	60			
	-				•
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COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

C<u>ase No. 01</u>-101410 P. Quinlan <u>12/7-12/11</u>/2020

MW-2

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	38.	.1
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.5	52
MEASURE WELL DIAMETER (Inches):	2 Inc	ches
WELL CASING MATERIAL:	P۷	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	NA	4

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-2
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMAT	ГIC*	
(Fill in all that appl	y)	Depth			
	-	(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-38.1)
Method of installing	NA				
			_		
CASING PULLING			_		
Method Employed	NΔ	20	_		
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		_		
			_		
			- 1		
Equipment used	NA	30	-		
Number of perforations/foot	NA		-		
Size of perforations	NA		- 1		
Interval perforated	NA		- 1		
			- 1		
GROUTING		40	_		
Interval grouted (FBLS)	0-38 1ft bas		-		
# of batches prepared	NA		- 1		
For each batch record:			- 1		
Quantity of water used (gal.)	7.5		- 1		
Ouantity of cement used (lbs.)	94	50	- 1		
Cement type	Type I Portland		-		
Quantity of bentonite used (lbs.)	4				
Ouantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal)	NA				
Volume of grout used (gal.)	NA	60			
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			 L		
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020 /-3

	N	1	V	V
	••	•	•	•

	I LD	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) S	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	50	.6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.9	98
MEASURE WELL DIAMETER (Inches):	4 Incl	nes
WELL CASING MATERIAL:	P۷	′C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	NA	4
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	4

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-3
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMAT	TIC*	
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-50.6)
Method of installing	NA				
C					
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
			—		
Equipment used	NA	30	_		
Number of perforations/foot	NA		-		
Size of perforations	NA		-		
Interval perforated	NA		—		
			-		
GROUTING		40	-		
Interval grouted (FBLS)	0-50.6ft bgs		-		
# of batches prepared	NA		—		
For each batch record:			_		
Ouantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
	I	۰			I
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

MW-4

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	47	45
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.4	41
MEASURE WELL DIAMETER (Inches):	4 Inch	nes
WELL CASING MATERIAL:	P۷	′C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	4
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	Α

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-4
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMAT	ГIC*	
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-47.45
Method of installing	NA				ft bas)
č					3 /
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
			_		
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA		-		
Interval perforated	NA		—		
F			—		
GROUTING		40			
Interval grouted (FBLS)	0-47.45ft bas				
# of batches prepared	NA		—		
For each batch record:			—		
Quantity of water used (gal.)	7.5		—		
Ouantity of cement used (lbs.)	94	50	—		
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
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		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan <u>12/7-12/11</u>/2020 MW-5

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	IA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL?	۱.	
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	46	6.3
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	35	5.74
MEASURE WELL DIAMETER (Inches):	4 Inc	ches
WELL CASING MATERIAL:	Р	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	G	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	Ν	IA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	١	IA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-5
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMAT	ГIC*	
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA	v			(0-46.3
Method of installing	NA				ft bas)
C					
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
			_		
Equipment used	NA	30	_		
Number of perforations/foot	NA				
Size of perforations	NA		_		
Interval perforated	NA		-		
			-		
GROUTING		40	-		
Interval grouted (FBLS)	0-46.3ft bgs				
# of batches prepared	NA				
For each batch record:			_		
Ouantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		J			l
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

C<u>ase No. 01</u>-101410 P. Quinlan <u>12/7-12/11</u>/2020 MW-6

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N/	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	49	.0
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.	35
MEASURE WELL DIAMETER (Inches):	4 Inc	ches
WELL CASING MATERIAL:	P٧	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-6
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

(Fill in all that apply) Depth	
(feet)	
<u>OVERDRILLING</u> 0	
Interval Drilled NA	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n) NA	
Depth temporary casing installed NA 10	Grout
Casing type/dia. (in.)	(0-49.0
Method of installing NA	ft bas)
CASING PULLING	
Method Employed NA 20	
Casing Retrieved (feet)	
Casing type/dia. (in)	
Equipment used NA 30	
Number of perforations/foot NA	
Size of perforations NA	
Interval perforated NA	
<u>GROUTING</u> 40	
Interval grouted (FBLS)	
# of batches prepared NA	
For each batch record:	
Quantity of water used (gal.) 7.5	
Quantity of cement used (lbs.) 94 50	
Cement type Type I Portland	
Quantity of bentonite used (lbs.) 4	
Quantity of calcium chloride used (lbs.) NA	
Volume of grout prepared (gal.) NA	
Volume of grout used (gal.) NA 60	

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

C<u>ase No. 01</u>-101410 P. Quinlan <u>12/7-12/11</u>/2020 MW-7

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		•
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	_	
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	I	NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	S	teel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? N	A	
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	4	9.8
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36	6.49
MEASURE WELL DIAMETER (Inches):	4 li	nches
WELL CASING MATERIAL:	ŀ	٧C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	G	ood
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-7
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMA	ΓIC*	
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-49.8
Method of installing	NA				ft bas)
C C					
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
Equipment used	NA	30			
Number of perforations/foot	NA		-		
Size of perforations	NA				
Interval perforated	NA		-		
F F					
GROUTING		40			
Interval grouted (FBLS)	0-49.8ft bgs		-		
# of batches prepared	NA				
For each batch record:					
Ouantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
	I	ı			
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

MW-8

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	48.	2
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	33.′	17
MEASURE WELL DIAMETER (Inches):	4 Incl	nes
WELL CASING MATERIAL:	P۷	′C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	4
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	4

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-8
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMA	ΓIC*	:
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-48.2
Method of installing	NA				ft bas)
C			_		
CASING PULLING			_		
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		-		
8 51 ()			-		
			_		
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA		_		
Interval perforated	NA				
1					
GROUTING		40			
Interval grouted (FBLS)	0-48.2ft bgs				
# of batches prepared	NA				
For each batch record:					
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

MW-9

	YE	S	NO
WELL VISIBLE? (If not, provide directions below)	Х		
WELL I.D. VISIBLE?			Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	_		
	YE	S	NO
SURFACE SEAL PRESENT?	Х		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х		
HEADSPACE READING (ppm) AND INSTRUMENT USED		N	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surf	ace F	Road Box
PROTECTIVE CASING MATERIAL TYPE:		Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		8 In	ches
	YE	S	NO
LOCK PRESENT?			Х
LOCK FUNCTIONAL? N	A		
DID YOU REPLACE THE LOCK?			Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)			Х
WELL MEASURING POINT VISIBLE?	Х		
	-		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		48	.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		35	.7
MEASURE WELL DIAMETER (Inches):		4 Inc	hes
WELL CASING MATERIAL:		P١	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:		Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		N	4
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-9
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	DATA		WELL SCHEMA	ΓIC*	:
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-48.7
Method of installing	NA				ft bas)
C C			_		
CASING PULLING			_		
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		-		
8 71 ()			-		
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA		_		
Interval perforated	NA				
1					
GROUTING		40	_		
Interval grouted (FBLS)	0-48.7ft bgs				
# of batches prepared	NA		-		
For each batch record:			-		
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50	-		
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
					-
		7			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

C<u>ase No. 01</u>-101410 P. Quinlan <u>12/7-12/11</u>/2020 MW-10

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
	-	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	4	9.9
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37	.17
MEASURE WELL DIAMETER (Inches):	4 Inc	hes
WELL CASING MATERIAL:	P	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	IA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	Ν	IA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-10
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

(Fill in all that apply) Depth OVERDRILLING 0 Interval Drilled NA Drilling Method(s) NA Borehole Dia. (in.) NA Temporary Casing Installed? (y/n) NA Depth temporary casing installed NA Casing type/dia. (in.) NA Method of installing NA Casing type/dia. (in.) NA Casing trieved (Feet) NA Casing trieved (Feet) NA Casing trieved (Feet) NA Size of perforations/foot NA Interval perforated NA GROUTING	DECOMMISSIONING	DATA		WELL SCHEMA	ΓIC*	:
OVERDRILLING (feet) Interval Drilled NA Dirilling Method(s) NA Borehole Dia. (in.) NA Borehole Dia. (in.) NA Depth temporary casing installed? NA Depth temporary casing installed NA Casing type/dia. (in.) NA Method of installing NA CASING PULLING NA Method Employed NA Casing type/dia. (in) NA Method Employed NA Casing type/dia. (in) NA Equipment used NA Number of perforations/foot NA Size of perforations NA Interval perforated NA GROUTING 40 Interval grouted (FBLS) 0-49.9ft bgs # of batches prepared NA For each batch record: 94 Quantity of cement used (lbs.) 94 Casing type IPortland	(Fill in all that apply	y)	Depth			
OVERDRILLING 0 Interval Drilled NA Borchole Dia. (in.) NA Borchole Dia. (in.) NA Depth temporary casing installed? (y/n) NA Depth temporary casing installed NA Casing type/dia. (in.) NA Method of installing NA Casing type/dia. (in.) NA Method fingth NA Method Employed NA Casing type/dia. (in) NA Method Employed NA Casing type/dia. (in) NA Equipment used NA Casing type/dia. (in) NA Equipment used NA Interval perforations/foot NA Interval perforations NA Interval perforated NA Grouttype Oreach tempore Quantity of water used (gal.) 7.5 Quantity of calcium chloride used (lbs.) 4 Quantity of calcium chloride used (bs.) 4 Quantity of calcium chloride used (bs.) NA Volume of grout used (gal.) NA Kolume of grout used (gal.) NA			(feet)			
Interval Drilled NA Drilling Method(s) NA Borehole Dia. (in.) NA Temporary Casing Installed? (y/n) NA Depth temporary casing installed NA Casing type/dia. (in.) NA Method of installing NA CASING PULLING Method Employed NA Casing Retrieved (feet) NA Casing type/dia. (in) NA Equipment used (feet) NA Size of perforations/foot NA Size of perforations NA Interval perforated NA GROUTING 40 Interval grouted (FBLS) 0-49.9ft bgs # of batches prepared NA Grout (0-49.9 # d0 Method Employed A Size of perforations A Interval grouted (FBLS) 0-49.9ft bgs # of batches prepared 50 Cased batch record: Quantity of water used (lbs.) 94 Casing type I Portland Quantity of cement used (lbs.) 4 Quantity of calcium chloride used (lbs.) 4 Volume of grout prepared (gal.) NA Volume of grout prepared (gal.) NA Volume of grout used (gal.) NA	<u>OVERDRILLING</u>		0			
Drilling Method(s) NA Borehole Dia. (in.) NA Temporary Casing Installed? (y/n) NA Depth temporary casing installed NA Casing type/dia. (in.) NA Method of installing NA CASING PULLING NA Method Employed NA Casing Retrieved (feet) NA Casing type/dia. (in) NA Equipment used NA Number of perforations/foot NA Size of perforations NA Interval perforated NA Grout (O-49.91 bgs 40 Quantity of water used (gal.) 7.5 Quantity of cement used (lbs.) 94 Cement type Type I Portland Quantity of calcium chloride used (lbs.) 4 Quantity of calcium chloride used (lbs.) NA Volume of grout used (gal.) NA 60 NA	Interval Drilled	NA				
Borehole Dia. (in.) Temporary Casing Installed? (y/n) Depth temporary casing installed Casing type/dia. (in.) Method of installing CASING PULLING Method Employed Casing Retrieved (feet) Casing type/dia. (in) Equipment used NA Casing type/dia. (in) Equipment used NA Size of perforations/foot NA Size of perforated Interval perforated MA Ma Size of perforations NA Interval perforated MA Size of perforations MA Interval perforated Casing type/dia. (in) MA Size of perforations NA Interval perforated MA Size of perforations MA Interval perforated MA Size of perforations MA Interval perforated MA Size of perforations MA Size of perforated MA Size of perforated MA Size of perforations MA Size of perforated MA Size of perforations MA Size of perforated MA Size of perforated Size of	Drilling Method(s)	NA				
Temporary Casing Installed? (y/n) NA NA Depth temporary casing installed NA 10 Grout Casing type/dia. (in.) NA NA (0-49.9) Method of installing NA 20 ft bgs) CASING PULLING NA 20 ft bgs) CASING PULLING NA 20 ft bgs) Casing Retrieved (fect) NA 20 10 Casing type/dia. (in) NA 20 10 Equipment used NA 30 10 Number of perforations/foot NA 30 10 Interval perforation NA 30 10 Interval perforated NA 40 10 Interval grouted (FBLS) 0-49.9ft bgs 40 10 Interval grouted (FBLS) 94 50 50 50 Quantity of water used (lbs.) 94 50 50 10 Quantity of calcium chloride used (lbs.) NA 60 10 10 Volume of grout used (gal.) NA 60 10 10	Borehole Dia. (in.)	NA				
Depth temporary casing installed NA 10 Grout Casing type/dia. (in.) NA 10 (0-49.9 Method of installing NA 20 ft bgs) CASING PULLING NA 20 ft bgs) Method Employed NA 20 ft bgs) Casing Retrieved (feet) NA 20 10 Casing type/dia. (in) NA 20 10 Equipment used NA 20 10 Requipment used NA 30 10 Number of perforations/foot NA 30 10 Number of perforations NA 40 10 Interval perforated NA 40 10 Interval perforated NA 50 10 GROUTING 40 10 10 Quantity of water used (lbs.) 94 50 10 Grout type Type I Portland 50 10 Quantity of calcium chloride used (lbs.) 4 10 10 Quantity of calcium chloride used (lbs.) NA 60 10 <tr< td=""><td>Temporary Casing Installed? (y/n)</td><td>NA</td><td></td><td></td><td></td><td></td></tr<>	Temporary Casing Installed? (y/n)	NA				
Casing type/dia. (in.) NA 00 (0-49.9 Method of installing NA 20 ft bgs) CASING PULLING NA 20 ft bgs) Method Employed NA 20 1 Casing Retrieved (feet) NA 20 1 Casing type/dia. (in) NA 30 1 Equipment used NA 30 1 Number of perforations/foot NA 30 1 Number of perforations NA 40 1 Interval perforated NA 40 1 GROUTING 40 1 1 Interval grouted (FBLS) 0-49.9ft bgs 40 1 # of batches prepared NA 50 1 Quantity of water used (gal.) 7.5 50 1 Quantity of bentonite used (lbs.) 94 50 1 Quantity of calcium chloride used (lbs.) NA 60 1 Volume of grout used (gal.) NA 60 1	Depth temporary casing installed	NA	10			Grout
Method of installing NA CASING PULLING NA Method Employed NA Casing Retrieved (feet) NA Casing type/dia. (in) NA Equipment used NA Number of perforations/foot NA Size of perforations NA Interval perforated NA GROUTING 40 Interval grouted (FBLS) 0-49.9ft bgs # of batches prepared NA For each batch record: 40 Quantity of water used (gal.) 7.5 Quantity of bentonite used (lbs.) 50 Cement type Type I Portland Quantity of calcium chloride used (lbs.) 4 Volume of grout prepared (gal.) NA Volume of grout used (gal.) NA Volume of grout used (gal.) NA Kolume of grout used (gal.) NA	Casing type/dia. (in.)	NA				(0-49.9
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Interval grouted (FBLS)0-49.9ft bgs# of batches preparedNAFor each batch record:Quantity of water used (gal.)7.5Quantity of cement used (lbs.)94Cement typeType I PortlandQuantity of bentonite used (lbs.)4Quantity of calcium chloride used (lbs.)NAVolume of grout prepared (gal.)NAKolume of grout used (gal.)NAKolum	GROUTING		40	_		
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Quantity of cement used (lbs.)9450Cement typeType I Portland94Quantity of bentonite used (lbs.)4Quantity of calcium chloride used (lbs.)NAVolume of grout prepared (gal.)NAVolume of grout used (gal.)NA60	Quantity of water used (gal.)	7.5				
Cement typeType I PortlandQuantity of bentonite used (lbs.)4Quantity of calcium chloride used (lbs.)NAVolume of grout prepared (gal.)NAVolume of grout used (gal.)NA60	Quantity of cement used (lbs.)	94	50			
Quantity of bentonite used (lbs.)4Quantity of calcium chloride used (lbs.)NAVolume of grout prepared (gal.)NAVolume of grout used (gal.)NA60	Cement type	Type I Portland				
Quantity of calcium chloride used (lbs.)NAVolume of grout prepared (gal.)NAVolume of grout used (gal.)NA60	Quantity of bentonite used (lbs.)	4				
Volume of grout prepared (gal.)NAVolume of grout used (gal.)NA60	Quantity of calcium chloride used (lbs.)	NA				
Volume of grout used (gal.) NA 60	Volume of grout prepared (gal.)	NA				
	Volume of grout used (gal.)	NA	60			
						-

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan <u>12/7-12/11</u>/2020

MW-B

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	iches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	44	4.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	38	.39
MEASURE WELL DIAMETER (Inches):	2 Inch	es
WELL CASING MATERIAL:	P۱	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	Δ

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-B
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA	<u> </u>			(0-44.7
Method of installing	NA				ft bas)
C			_		
CASING PULLING			_		
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		_		
8 51 ()			_		
Equipment used	NA	30	_		
Number of perforations/foot	NA				
Size of perforations	NA				
Interval perforated	NA				
			_		
GROUTING		40	_		
Interval grouted (FBLS)	0-44.7ft bgs				
# of batches prepared	NA				
For each batch record:					
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan <u>12/7-12/11</u>/2020 MW-C

M١	W	-C
IVI	vv	-0

WELL VISIBLE? (If not, provide directions below) X WELL 1.D. VISIBLE? X WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) X WELL 1.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: X SURFACE SEAL PRESENT? X SURFACE SEAL PRESENT? X SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X HEADSPACE READING (ppm) AND INSTRUMENT USED X MEASURE PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Surface Road Box MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): NA LOCK FUNCTIONAL? YES DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) X WELL MEASURING POINT VISIBLE? X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good			YES	NO
WELL I.D. VISIBLE? X WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back). X WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back). X WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: YES SURFACE SEAL PRESENT? X SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X HEADSPACE READING (ppm) AND INSTRUMENT USED. NA TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 Inches VEL X X NA X X VOCK FUNCTIONAL? X X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	WELL VISIBLE? (If not, provide directions below)		Х	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) X WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: YES SURFACE SEAL PRESENT? X SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X HEADSPACE READING (ppm) AND INSTRUMENT USED. X TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 Inches LOCK PRESENT? X LOCK FUNCTIONAL? X DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) X WELL MEASURING POINT VISIBLE? 43.75 MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	WELL I.D. VISIBLE?			Х
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: YES NO SURFACE SEAL PRESENT? X SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X HEADSPACE READING (ppm) AND INSTRUMENT USED. X TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 Inches VES NO LOCK PRESENT? X LOCK FUNCTIONAL? X DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) X WELL MEASURING POINT VISIBLE? X MEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: YES NO SURFACE SEAL PRESENT? X X SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X X HEADSPACE READING (ppm) AND INSTRUMENT USED. NA X TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 Inches LOCK PRESENT? YES NO LOCK FUNCTIONAL? X X DID YOU REPLACE THE LOCK? X X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) X X WELL MEASURING POINT VISIBLE? X X X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 X X MEASURE WELL DIAMETER (Inches): 2 Inches 2 Inches 2 Inches WELL CASING MATERIAL: PVC PVC PVC		-		
SURFACE SEAL PRESENT? YES NO SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X X HEADSPACE READING (ppm) AND INSTRUMENT USED. X X TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 LOCK PRESENT? Steel LOCK FUNCTIONAL? X DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) X WELL MEASURING POINT VISIBLE? 43.75 MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	-		
SURFACE SEAL PRESENT? X SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X HEADSPACE READING (ppm) AND INSTRUMENT USED. X TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Stelel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): Stelel LOCK PRESENT? 8 Inches LOCK FUNCTIONAL? YES DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) X WELL MEASURING POINT VISIBLE? 43.75 MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DAMETER (Inches): 2 Inches PHYSICAL CONDITION OF VISIBLE WELL CASING: PVC			YES	NO
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X HEADSPACE READING (ppm) AND INSTRUMENT USED. NA TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 Inches LOCK PRESENT? YES LOCK FUNCTIONAL? X DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) X WELL MEASURING POINT VISIBLE? 37.96 MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	SURFACE SEAL PRESENT?		Х	
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HEADSPACE READING (ppm) AND INSTRUMENT USED	PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED				
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) Surface Road Box PROTECTIVE CASING MATERIAL TYPE: Steel MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 8 Inches LOCK PRESENT? VES LOCK FUNCTIONAL? X DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) X WELL MEASURING POINT VISIBLE? X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	HEADSPACE READING (ppm) AND INSTRUMENT USED	_	N	4
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LOCK PRESENT? NA LOCK FUNCTIONAL? NA DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) X WELL MEASURING POINT VISIBLE? X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 43.75 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good			YES	NO
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DID YOU REPLACE THE LOCK? X IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) X WELL MEASURING POINT VISIBLE? X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 43.75 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	LOCK FUNCTIONAL?	NA		
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WELL MEASURING POINT VISIBLE? X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 43.75 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)	Γ		Х
MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 43.75 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	WELL MEASURING POINT VISIBLE?		Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):43.75MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):37.96MEASURE WELL DIAMETER (Inches):2 InchesWELL CASING MATERIAL:PVCPHYSICAL CONDITION OF VISIBLE WELL CASING:Good		-		
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 37.96 MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		43.	75
MEASURE WELL DIAMETER (Inches): 2 Inches WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		37.	96
WELL CASING MATERIAL: PVC PHYSICAL CONDITION OF VISIBLE WELL CASING: Good	MEASURE WELL DIAMETER (Inches):		2 Inc	ches
PHYSICAL CONDITION OF VISIBLE WELL CASING:	WELL CASING MATERIAL:	-	P۱	/C
	PHYSICAL CONDITION OF VISIBLE WELL CASING:	-	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE NA	ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	-	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES NA	PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	-	Ν	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: MW-C
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMAT	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA		_		
Borehole Dia. (in.)	NA		_		
Temporary Casing Installed? (y/n)	NA		_		
Depth temporary casing installed	NA	10	_		Grout
Casing type/dia. (in.)	NA				(0-43.75
Method of installing	NA		_		ft bas)
C C					5,
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA				
Interval perforated	NA		—		
F			—		
GROUTING		40			
Interval grouted (FBLS)	0-43 75ft bas				
# of batches prepared	NA		-		
For each batch record:			-		
Quantity of water used (gal.)	7.5		-		
Ouantity of cement used (lbs.)	94	50	-		
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
6		I	I		
F		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P<u>. Quinlan</u> 12/7-12/11/2020

SV-101

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Inches	
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	37.	6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.0	02
MEASURE WELL DIAMETER (Inches):	4 Incł	nes
WELL CASING MATERIAL:	P١	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: SV-101
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
	-	(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-37.6
Method of installing	NA				ft bas)
			_		
CASING PULLING					
Method Employed	NΔ	20	_		
Casing Retrieved (feet)	NA		_		
Casing type/dia. (in)	NA		_		
			_		
			_		
Equipment used	NA	30	-		
Number of perforations/foot	NA		-		
Size of perforations	NA		-		
Interval perforated	NA		_		
			_		
GROUTING		40	_		
Interval grouted (FBLS)	0-37.6ft bas		-		
# of batches prepared	NA		-		
For each batch record:			_		
Ouantity of water used (gal.)	7.5		-		
Quantity of cement used (lbs.)	94	50	-		
Cement type	Type I Portland		_		
Ouantity of bentonite used (lbs.)	4		-		
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		J			1
		٦			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan <u>12/7-12/11</u>/2020 SV-102

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	Α
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Inches	
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	44.	65
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.	04
MEASURE WELL DIAMETER (Inches):	1 Ir	ich
WELL CASING MATERIAL:	P١	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: SV-102
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA		_		
Temporary Casing Installed? (v/n)	NA		_		
Depth temporary casing installed	NA	10	_		Grout
Casing type/dia. (in.)	NA		_		(0-44.65
Method of installing	NA		—		ft bas)
	101		—		n bgo)
CASING PULLING					
Method Employed	ΝΑ	20	—		
Casing Retrieved (feet)	NA		-		
Casing type/dia (in)			—		
			—		
			_		
Equipment used	NΔ	30			
Number of perforations/foot	NA		-		
Size of perforations	NA		—		
Interval perforated	NA		-		
			-		
GROUTING		40			
Interval grouted (FBLS)	0-44 65ft bas	40	-		
# of batches prepared	NA		—		
For each batch record:					
Quantity of water used (gal.)	7.5		—		
Quantity of cement used (July)	94	50	—		
Cement type	Type I Portland		-		
Quantity of bentonite used (lbs)	4		—		
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
					J
h		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

IP-1

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		<u> </u>
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface I	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Inches	
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	47	.2
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36	.94
MEASURE WELL DIAMETER (Inches):	2 Ir	iches
WELL CASING MATERIAL:	P١	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-1
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA		WELL SCHEMA	ΓIC*	•	
(Fill in all that appl	y)	Depth			
	-	(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (v/n)	NA		_		
Depth temporary casing installed	NA	10	_		Grout
Casing type/dia. (in.)	NA				(0-47.2
Method of installing	NA		_		ft bas)
			_		n bgo)
CASING PULLING					
Method Employed	NA	20	_		
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA		_		
Interval perforated	NA		_		
I I I I I I I I I I I I I I I I I I I					
GROUTING		40	—		
Interval grouted (FBLS)	0-47.2ft bgs				
# of batches prepared	NA				
For each batch record:			—		
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA		1		
Volume of grout prepared (gal.)	NA		1		
Volume of grout used (gal.)	NA	60	1		
		J			
		-			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

IP-2

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	-	
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Inches	
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	4	4.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37	'.41
MEASURE WELL DIAMETER (Inches):	21	nches
WELL CASING MATERIAL:	P	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	IA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	IA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-2
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA WEI		WELL SCHEMA	ΓIC*	:	
(Fill in all that appl	y)	Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in)	NA		_		
Temporary Casing Installed? (y/n)			_		
Depth temporary casing installed		10	_		Grout
Casing type/dia (in)	NA				(0-44.7
Method of installing					(three)
We mod of mstanning	NA		—		it bgs)
CASING PULLING					
Mathad Employed					
Contine Detrieved (fact)	NA	20			
Casing Retrieved (leet)	NA		_		
Casing type/dia. (in)	NA		_		
			_		
Fauinmont used		20	_		
Equipment used	NA	30	_		
Number of perforations/foot	NA		_		
Size of perforations	NA		_		
Interval perforated	NA		_		
GROUTING		40	_		
Interval grouted (FBL S)	0.44.7ft bac	40	_		
# of batches prepared	0-44.71t bgs		_		
For each batch record:	NA		_		
Quantity of water used (gal)	7.5				
Quantity of water used (gal.)	7.5	50	—		
Cement type		50	-		
Quantity of bentonite used (lbs.)					
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal)					
Volume of grout used (gal.)		60			
volume of grout used (gai.)	INA	0			I
F		-			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

IP-3

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		•
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	1	IA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Inches	
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? N	A	
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	4	8.55
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	3	6.55
MEASURE WELL DIAMETER (Inches):	21	nches
WELL CASING MATERIAL:	F	٧C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	G	ood
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	1	١A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	1	NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-3
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		, o			
Interval Drilled	NA				
Drilling Method(s)					
Borehole Dia (in)					
Temporary Casing Installed? (v/n)					
Depth temporary casing installed		10			Grout
Casing type/dia (in)			-		(0-48 55
Mathod of installing					(0 10.00
Method of Instanning	NA				π bgs)
CASINC DULLINC			_		
Mathed Environd					
Method Employed	NA	20	_		
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
Equipment used					
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA				
Interval perforated	NA				
CDOUTING					
GROUTING		40			
Interval grouted (FBLS)	0-48.55ft bgs				
# of batches prepared	NA				
For each batch record:					
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50		_	
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		-			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

IP-4

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	42	2.6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36	5.54
MEASURE WELL DIAMETER (Inches):	2 Inc	hes
WELL CASING MATERIAL:	P	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Gc	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-4
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING	ATA WELL SCHEMATIC*		:		
(Fill in all that appl	y)	Depth			
	-	(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA		_		
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (v/n)	NA		_		
Depth temporary casing installed	NA	10	_		Grout
Casing type/dia. (in.)	NA		_		(0-42.6
Method of installing	NA		—		, ft has)
	101		—		n bgo)
CASING PULLING			—		
Method Employed	ΝΑ	20	—		
Casing Retrieved (feet)			-		
Casing type/dia (in)			—		
Casing type/ dia. (iii)	NA		_		
			_		
Equipment used	NΔ	30	-		
Number of perforations/foot	NA		-		
Size of perforations			_		
Interval perforated	NA		_		
			-		
GROUTING		40	-		
Interval grouted (FBLS)	0-42 6ft bas	40	-		
# of batches prepared	NA		-		
For each batch record			—		
Quantity of water used (gal)	7.5		—		
Ouantity of cement used (July)	94	50	-		
Cement type			-		
Quantity of bentonite used (lbs)	4				
Quantity of calcium chloride used (lbs.)	NΔ				
Volume of grout prepared (gal)	NA				
Volume of grout used (gal.)	NA	60			
Contraction (Smith					J
F		7			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan <u>12/7-12/11</u>/2020

IP-5

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		•
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	_	
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	Ν	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 li	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
		<u> </u>
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	53	3.2
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37	.33
MEASURE WELL DIAMETER (Inches):	2 In	ches
WELL CASING MATERIAL:	P	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	IA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	Ν	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-5
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-53.2
Method of installing	NA				ft bas)
CASING PULLING					
Method Employed	NΔ	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
			_		
Equipment used	NA	30	-		
Number of perforations/foot	NA		-		
Size of perforations	NA		_		
Interval perforated	NA		_		
			_		
GROUTING		40	-		
Interval grouted (FBLS)	0-53.2ft bas		-		
# of batches prepared	NA				
For each batch record:					
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
	а	J			
		-			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

IP-6

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		•
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	48	3.0
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	35	.52
MEASURE WELL DIAMETER (Inches):	2 Inc	ches
WELL CASING MATERIAL:	P۱	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-6
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia (in.)			-		(0-48.0
Method of installing	NA		-		, ft bas)
Notifod of mouning	10/1				it bys)
CASING PULLING			-		
Method Employed	ΝΔ	20			
Casing Retrieved (feet)			-		
Casing type/dia (in)					
Casing type/dia. (iii)	NA		—		
Equipment used	ΝΔ	30	-		
Number of perforations/foot			-		
Size of perforations			—		
Interval perforated			—		
GROUTING		40	-		
Interval grouted (FBLS)	0-48 0ft bas	40	-		
# of batches prepared	NA				
For each batch record					
Quantity of water used (gal)	7.5				
Quantity of water used (gal.)	94	50	—		
Cement type	Type I Portland		-		
Quantity of bentonite used (lbs)			—		
Quantity of calcium chloride used (lbs.)	NA NA				
Volume of grout prepared (gal)					
Volume of grout used (gal.)		60			
, or and or grout used (guil)					J
		•			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan <u>12/7-12/11</u>/2020 IP-7

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	3	6.15
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	NA	- Dry
MEASURE WELL DIAMETER (Inches):	2 Inc	ches
WELL CASING MATERIAL:	P۱	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: IP-7
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)					
Borehole Dia. (in.)			_		
Temporary Casing Installed? (y/n)			_		
Depth temporary casing installed		10			Grout
Casing type/dia (in)					(0-36.15
Method of installing					(theo)
Method of Instanning	NA				it bgs)
CASING DULLING					
Mathad Employed					
Continue Districtions 1 (foot)	NA	20	_		
Casing Retrieved (leet)	NA		_		
Casing type/dia. (in)	NA		_		
			_		
Equipment used		00	_		
Equipment used	NA	30	_		
Number of perforations/foot	NA		_		
Size of perforations	NA		_		
Interval perforated	NA				
CDOUTING			_		
<u>GROUTING</u>		40	_		
Interval grouted (FBLS)	0-36.15ft bgs		_		
# of batches prepared	NA		_		
For each batch record:			_		
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50	_		
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020 01

AS-1	

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	<u> </u>	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	iches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	37	.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.	13
MEASURE WELL DIAMETER (Inches):	2 Inc	hes
WELL CASING MATERIAL:	P\	/C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: AS-101
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-37.7
Method of installing	NA				ft bas)
C			_		
CASING PULLING					
Method Employed	NA	20	_		
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		_		
			_		
			-		
Equipment used	NA	30	_		
Number of perforations/foot	NA				
Size of perforations	NA		_		
Interval perforated	NA		-		
			_		
GROUTING		40	_		
Interval grouted (FBLS)	0-37.7ft bas		-		
# of batches prepared	NA		-		
For each batch record:			_		
Ouantity of water used (gal.)	7.5		-		
Quantity of cement used (lbs.)	94	50	-		
Cement type	Type I Portland		_		
Ouantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

AS-102

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface F	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	el
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 In	ches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	37	.8
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.	27
MEASURE WELL DIAMETER (Inches):	4 Inch	ies
WELL CASING MATERIAL:	P۷	′C
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	od
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	4
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	Δ

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: AS-102
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-37.8
Method of installing	NA				ft bas)
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
			_		
Equipment used	NA	30			
Number of perforations/foot	NA		-		
Size of perforations	NA				
Interval perforated	NA		-		
	101		-		
GROUTING		40	-		
Interval grouted (FBLS)	0-37.8ft bgs		-		
# of batches prepared	NA				
For each batch record:					
Ouantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland		_		
Ouantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
	<u> </u>				1
		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

AS-103

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		<u>.</u>
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	39	.3
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37	.13
MEASURE WELL DIAMETER (Inches):	2 In	ches
WELL CASING MATERIAL:	P	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Go	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	Ν	IA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: AS-103
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that appl	y)	Depth			
	-	(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-39.3
Method of installing	NA				ft bas)
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
	107				
			_		
Equipment used	NA	30	—		
Number of perforations/foot	NA				
Size of perforations	NA		—		
Interval perforated	NA		_		
r r					
GROUTING		40	—		
Interval grouted (FBLS)	0-39.3ft bgs				
# of batches prepared	NA				
For each batch record:					
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland		_		
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA		1		
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60	1		
	•	J		L	
		7			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

AS-104

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	Ste	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Ir	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	NA	4
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	N/	Ą
MEASURE WELL DIAMETER (Inches):	<u> </u>	nch
WELL CASING MATERIAL:	<u> </u>	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Gc	bod
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	<u> </u>	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	IA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: AS-104
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMATI	C*
(Fill in all that apply)		Depth		
		(feet)		
<u>OVERDRILLING</u>		0		
Interval Drilled	NA			
Drilling Method(s)	NA			
Borehole Dia. (in.)	NA			
Temporary Casing Installed? (y/n)	NA			
Depth temporary casing installed	NA	10		Grout
Casing type/dia. (in.)	NA	v		(NA)
Method of installing	NA			
C C				
CASING PULLING				
Method Employed	NA	20		
Casing Retrieved (feet)	NA			
Casing type/dia. (in)	NA			
Equipment used	NA	30		
Number of perforations/foot	NA			
Size of perforations	NA			
Interval perforated	NA			
1	L			
GROUTING		40		
Interval grouted (FBLS)	NA			
# of batches prepared	NA			
For each batch record:				
Quantity of water used (gal.)	7.5			
Quantity of cement used (lbs.)	94	50		
Cement type	Type I Portland			
Quantity of bentonite used (lbs.)	4			
Quantity of calcium chloride used (lbs.)	NA			
Volume of grout prepared (gal.)	NA			
Volume of grout used (gal.)	NA	60		
	•			
		1		

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

AS-105

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		•
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	IA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface	Road Box
PROTECTIVE CASING MATERIAL TYPE:	St	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	81	nches
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL?	4	
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	54	4.25
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36	6.86
MEASURE WELL DIAMETER (Inches):	11	nch
WELL CASING MATERIAL:	Р	VC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	G	boc
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	Ν	IA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	1	IA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: AS-105
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA			WELL SCHEMA	ΓIC*	:
(Fill in all that apply)		Depth			
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA	v			(0-54.25
Method of installing	NA				ft bas)
C C					
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA				
	101				
Equipment used	NA	30			
Number of perforations/foot	NA		_		
Size of perforations	NA		_		
Interval perforated	NA				
F F					
GROUTING		40	—		
Interval grouted (FBLS)	0-54.25ft bgs		_		
# of batches prepared	NA		—		
For each batch record:			—		
Quantity of water used (gal.)	7.5		—		
Quantity of cement used (lbs.)	94	50	—		
Cement type	Type I Portland		-		
Quantity of bentonite used (lbs.)	4		—		
Ouantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
		I			
h		1			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

SITE NAME: Service Station #10954 (17-HMB) 138-50 Hillside Avenue, Jamaica, New York

MONITORING WELL FIELD INSPECTION LOG NYSDEC WELL DECOMMISSIONING PROGRAM

SITE ID.: **INSPECTOR:** DATE/TIME: WEll ID.:

Case No. 01-101410 P. Quinlan 12/7-12/11/2020

AS-106

	YES	NO
WELL VISIBLE? (If not, provide directions below)	Х	
WELL I.D. VISIBLE?		Х
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Х	
		•
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YES	NO
SURFACE SEAL PRESENT?	Х	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Х	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Х	
HEADSPACE READING (ppm) AND INSTRUMENT USED	Ν	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Surface Road Box	
PROTECTIVE CASING MATERIAL TYPE:	Steel	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	8 Inches	
	YES	NO
LOCK PRESENT?		Х
LOCK FUNCTIONAL? NA		
DID YOU REPLACE THE LOCK?		Х
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		Х
WELL MEASURING POINT VISIBLE?	Х	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	41	.3
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.37	
MEASURE WELL DIAMETER (Inches):	2 Inches	
WELL CASING MATERIAL:	PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	NA	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well in concrete/asphalt

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

None.

REMARKS:

Site Name: Service Station #10954 (17-HMB)	Well I.D.: AS-106
Site Location: 138-50 Hillside Avenue, Jamaica, New York	Driller: CGE
Drilling Co.: Clean Globe Environmental	Inspector: P. Quinlan
	Date: 12/7-12/11/2020

DECOMMISSIONING DATA		WELL SCHEMATIC*			
(Fill in all that appl	(Fill in all that apply) Depth				
		(feet)			
<u>OVERDRILLING</u>		0			
Interval Drilled	NA				
Drilling Method(s)	NA				
Borehole Dia. (in.)	NA				
Temporary Casing Installed? (y/n)	NA				
Depth temporary casing installed	NA	10			Grout
Casing type/dia. (in.)	NA				(0-41.3
Method of installing	NA				ft bas)
C C					
CASING PULLING					
Method Employed	NA	20			
Casing Retrieved (feet)	NA				
Casing type/dia. (in)	NA		-		
8 71 ()			-		
Equipment used	NA	30			
Number of perforations/foot	NA				
Size of perforations	NA				
Interval perforated	NA				
1	L				
GROUTING		40			
Interval grouted (FBLS)	0-41.3ft bgs				
# of batches prepared	NA				
For each batch record:					
Quantity of water used (gal.)	7.5				
Quantity of cement used (lbs.)	94	50			
Cement type	Type I Portland				
Quantity of bentonite used (lbs.)	4				
Quantity of calcium chloride used (lbs.)	NA				
Volume of grout prepared (gal.)	NA				
Volume of grout used (gal.)	NA	60			
					-
		7			

COMMENTS: All site wells grouted at the same mobilization. Individual batches and volumes for each well not recorded.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor