

Mr. Michael MacCabe
New York State Department of Environmental Conservation
Division of Environmental Remediation
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Long Island City, New York 11101

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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

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.

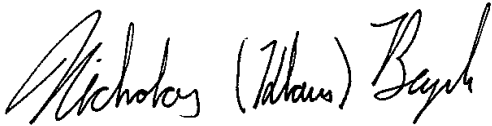
Waste material (concrete/steel) was deemed non-hazardous and combined with other similar material. The material was then taken off site by Clean Globe Environmental, LLC and disposed of at an approved facility.

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 Nicholas.Beyrle@arcadis.com.

Sincerely,
Arcadis of New York, Inc.

A handwritten signature in black ink that reads "Nicholas (Nick) Beyrle". The signature is written in a cursive, flowing style.

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

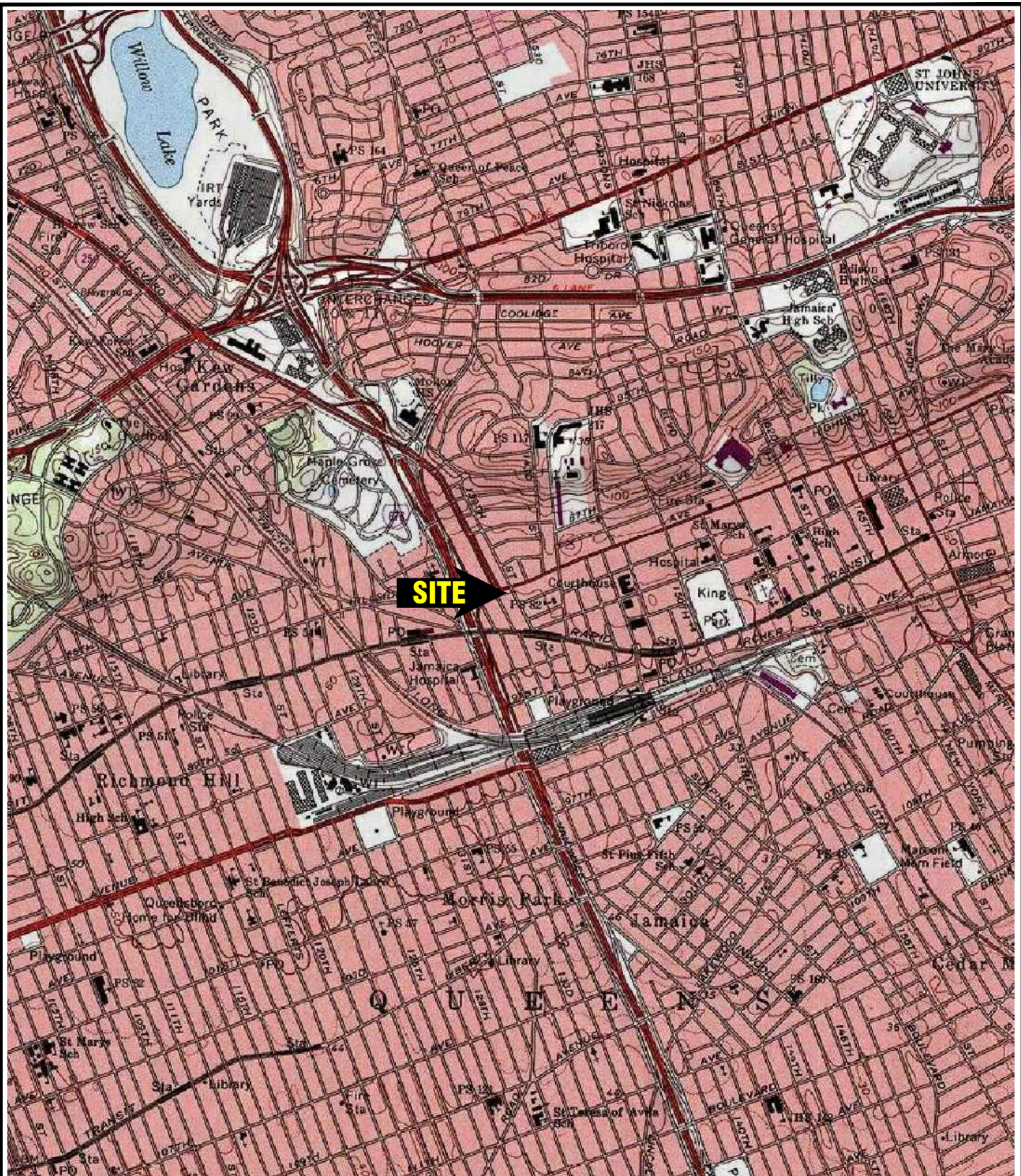
Appendices

Appendix A: NYSDEC Correspondence

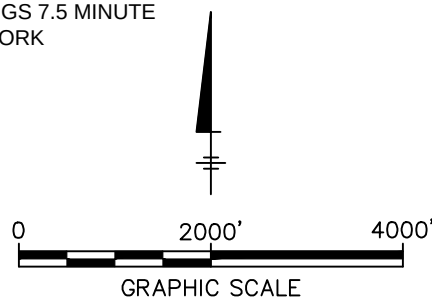
Appendix B: Well Abandonment Photo Log

Appendix C: Well Decommissioning Records

Figures

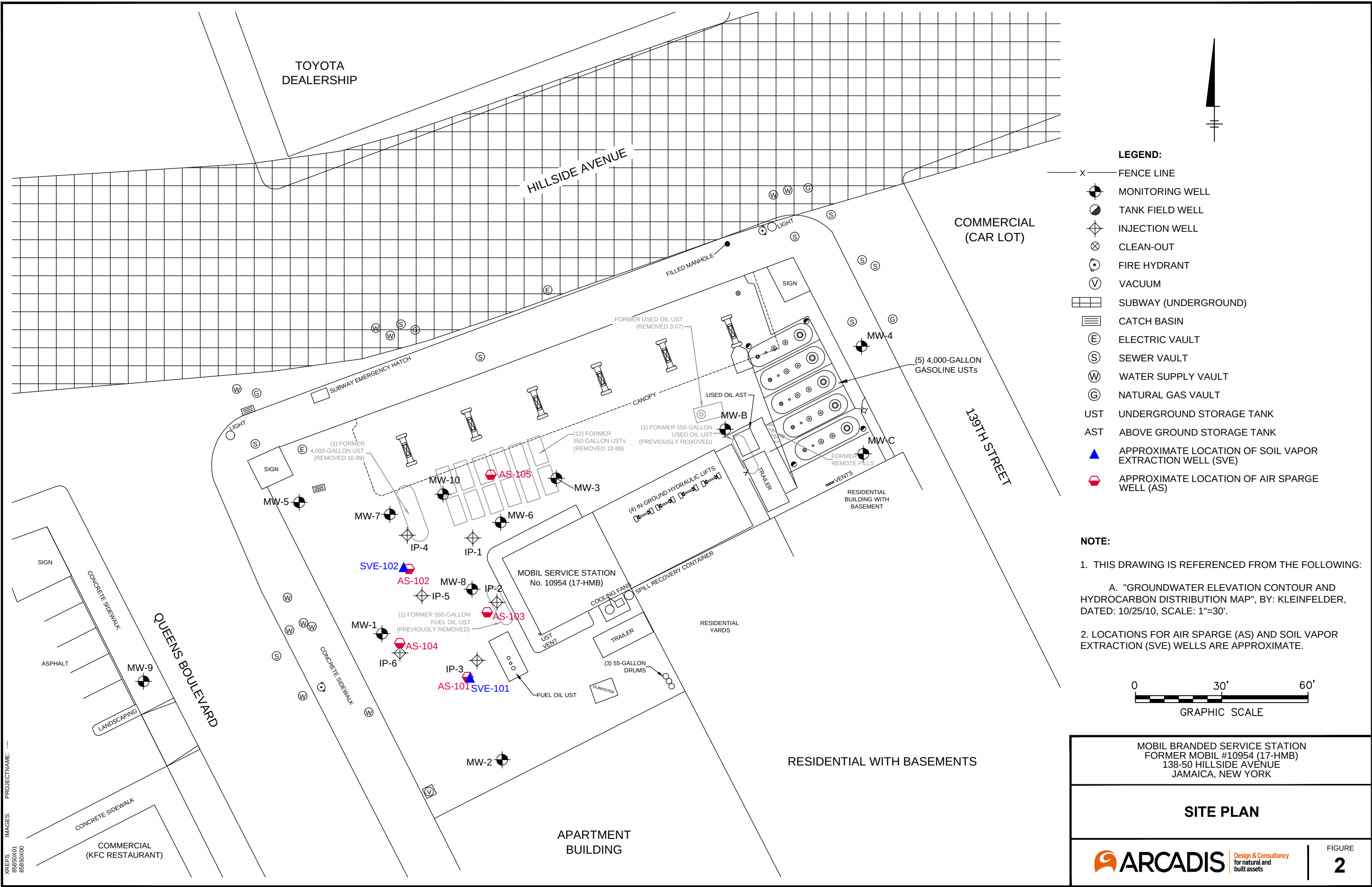


REFERENCE: TOPOI, USGS 7.5 MINUTE
 QUAD: JAMAICA, NEW YORK
 DATED: 2010



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

SITE LOCATION MAP



Appendix A

NYSDEC Correspondence

Beyrle, Nicholas

From: MacCabe, Michael (DEC) <michael.maccabe@dec.ny.gov>
Sent: Tuesday, October 20, 2020 1:30 PM
To: 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

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www.dec.ny.gov



Department of
Environmental
Conservation



Appendix B

Well Abandonment Photo Log

Project Photographs

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



Picture: 1

Date:

12/07/2020



Picture: 2

Date:

12/07/2020

Project Photographs

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



Picture: 3

Date:

12/07/2020



Picture: 4

Date:

12/07/2020

Project Photographs

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



Picture: 5

Date:

12/07/2020



Picture: 6

Date:

12/07/2020

Project Photographs

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



Picture: 7

Date:

12/07/2020



Picture: 8

Date:

12/07/2020

Project Photographs

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



Picture: 9

Date:

12/07/2020



Picture: 10

Date:

12/07/2020

Appendix C

Well Decommissioning Records

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-1

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

WELL VISIBLE? (If not, provide directions below)	YES	NO
WELL I.D. VISIBLE?	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:	X	

SURFACE SEAL PRESENT?	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	NO
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):	48.6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	35.96
MEASURE WELL DIAMETER (Inches):	4 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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-48.6 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLS)	0-48.6ft bgs	40	
# of batches prepared	NA		
<u>For each batch record:</u>			
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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-2

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	38.1
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.52
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> 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	Depth (feet) 0 10 20 30 40 50 60 Grout (0-38.1)
<u>CASING PULLING</u> 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	
<u>GROUTING</u> Interval grouted (FBLs) 0-38.1ft bgs # of batches prepared NA For each batch record: Quantity of water used (gal.) 7.5 Quantity of cement used (lbs.) 94 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	

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 _____

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-3

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:		
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	
LOCK PRESENT?		X
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):	50.6	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.98	
MEASURE WELL DIAMETER (Inches):	4 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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-50.6)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-50.6ft bgs	40	
# 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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-4

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

47.45
37.41
4 Inches
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-47.45 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-47.45ft bgs	40	
# 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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-5

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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	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.....		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
	NA	
	Surface Road Box	
	Steel	
	8 Inches	
	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):		
46.3		
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		
35.74		
MEASURE WELL DIAMETER (Inches):		
4 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.....		
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> 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	Depth (feet) 0 10 20 30 40 50 60 Grout (0-46.3 ft bgs)
<u>CASING PULLING</u> 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	
<u>GROUTING</u> Interval grouted (FBLs) 0-46.3ft bgs # of batches prepared NA For each batch record: Quantity of water used (gal.) 7.5 Quantity of cement used (lbs.) 94 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	
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 _____

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-6

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

49.0
37.35
4 Inches
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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

DECOMMISSIONING DATA (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) Grout (0-49.0 ft bgs)
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-49.0ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	

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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-7

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	49.8
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.49
MEASURE WELL DIAMETER (Inches):	4 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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) Grout (0-49.8 ft bgs)
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-49.8ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	

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

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-8

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:		
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	
LOCK PRESENT?		X
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):	48.2	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	33.17	
MEASURE WELL DIAMETER (Inches):	4 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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) 0 10 20 30 40 50 60 Grout (0-48.2 ft bgs)
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
 Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-48.2ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	

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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-9

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	48.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	35.7
MEASURE WELL DIAMETER (Inches):	4 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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-48.7 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLS)	0-48.7ft bgs	40	
# 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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-10

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

49.9
37.17
4 Inches
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-49.9 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLS)	0-49.9ft bgs	40	
# 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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-B

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

44.7
38.39
2 Inches
PVC
Good
NA
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.):

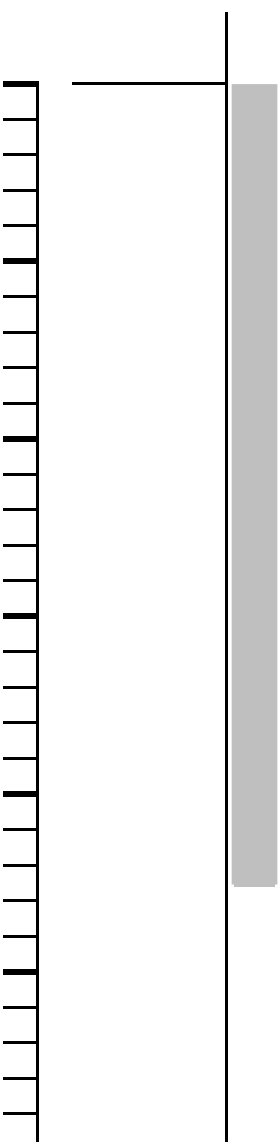
None.

REMARKS:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) 0 10 20 30 40 50 60 
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-44.7ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	

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

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: MW-C

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	
Interval Drilled	NA	0	Grout (0-43.75 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
CASING PULLING			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
PERFORATING			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
GROUTING			
Interval grouted (FBLs)	0-43.75ft bgs	40	
# 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 pickup, etc.	

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: SV-101

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	37.6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.02
MEASURE WELL DIAMETER (Inches):	4 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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet) 0 10 20 30 40 50 60	
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		
<u>CASING PULLING</u>			
Method Employed	NA		
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA		
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-37.6ft bgs		
# of batches prepared	NA		
<u>For each batch record:</u>			
Quantity of water used (gal.)	7.5		
Quantity of cement used (lbs.)	94		
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		
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.	

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: SV-102

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	44.65
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.04
MEASURE WELL DIAMETER (Inches):	1 Inch
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*																																																													
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) <table style="width: 100%; border-collapse: collapse;"> <tr><td style="border-bottom: 1px solid black; text-align: center;">0</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">1</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">2</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">3</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">4</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">5</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">6</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">7</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">8</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">9</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">10</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">11</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">12</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">13</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">14</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">15</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">16</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">17</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">18</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">19</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">20</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: center;">21</td></tr> <tr><td style="border-bottom: 1px solid black; 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<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>																																																														
Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>																																																														
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-44.65ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>																																																														

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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-1

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA	
Surface Road Box	
Steel	
8 Inches	

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

47.2
36.94
2 Inches
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*		
<u>OVERDRILLING</u>		Depth (feet)		
Interval Drilled	NA	0		Grout (0-47.2 ft bgs)
Drilling Method(s)	NA			
Borehole Dia. (in.)	NA			
Temporary Casing Installed? (y/n)	NA			
Depth temporary casing installed	NA	10		
Casing type/dia. (in.)	NA			
Method of installing	NA			
<u>CASING PULLING</u>				
Method Employed	NA	20		
Casing Retrieved (feet)	NA			
Casing type/dia. (in.)	NA			
<u>PERFORATING</u>				
Equipment used	NA	30		
Number of perforations/foot	NA			
Size of perforations	NA			
Interval perforated	NA			
<u>GROUTING</u>				
Interval grouted (FBLS)	0-47.2ft bgs	40		
# of batches prepared	NA			
<u>For each batch record:</u>				
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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-2

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	44.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.41
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*	
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) Grout (0-44.7 ft bgs)	
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>		
Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>		
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-44.7ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>		
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.		

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-3

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	48.55
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.55
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-48.55 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLS)	0-48.55ft bgs	40	
# 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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-4

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	42.6
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.54
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 DATA (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) 0 10 20 30 40 50 60
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>EQUIPMENT</u> Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-42.6ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	

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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-5

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	53.2
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.33
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	
Interval Drilled	NA	0	Grout (0-53.2 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
CASING PULLING			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
PERFORATING			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
GROUTING			
Interval grouted (FBLs)	0-53.2ft bgs	40	
# 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 pickup, etc.	

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-6

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	48.0
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	35.52
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> Interval Drilled <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Drilling Method(s) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Borehole Dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Temporary Casing Installed? (y/n) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Depth temporary casing installed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Method of installing <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	Depth (feet) Grout (0-48.0 ft bgs)
<u>CASING PULLING</u> Method Employed <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing Retrieved (feet) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Casing type/dia. (in.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
Equipment used <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Number of perforations/foot <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Size of perforations <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Interval perforated <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	
<u>GROUTING</u> Interval grouted (FBLs) <table border="1" style="display: inline-table; width: 150px; text-align: center;">0-48.0ft bgs</table> # of batches prepared <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> For each batch record: Quantity of water used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">7.5</table> Quantity of cement used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">94</table> Cement type <table border="1" style="display: inline-table; width: 150px; text-align: center;">Type I Portland</table> Quantity of bentonite used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">4</table> Quantity of calcium chloride used (lbs.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout prepared (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table> Volume of grout used (gal.) <table border="1" style="display: inline-table; width: 150px; text-align: center;">NA</table>	

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 _____

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: IP-7

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

36.15
NA - Dry
2 Inches
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-36.15 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-36.15ft bgs	40	
# 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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: AS-101

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	37.7
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.13
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-37.7 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLS)	0-37.7ft bgs	40	
# 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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: AS-102

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

37.8
36.27
4 Inches
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-37.8 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-37.8ft bgs	40	
# 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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: AS-103

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

WELL VISIBLE? (If not, provide directions below)	YES	NO
WELL I.D. VISIBLE?	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:	X	

SURFACE SEAL PRESENT?	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	NO
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):	39.3
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	37.13
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-39.3 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-39.3ft bgs	40	
# 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.

FIGURE 1

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.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: AS-104

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		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:

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

NA
Surface Road Box
Steel
8 Inches

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

NA

YES	NO
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

NA
NA
1 Inch
PVC
Good
NA
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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)	WELL SCHEMATIC*
<u>OVERDRILLING</u> 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	Depth (feet) 0 10 20 30 40 50 60 Grout (NA)
<u>CASING PULLING</u> 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	
<u>GROUTING</u> 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 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	
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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: AS-105

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	54.25
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	36.86
MEASURE WELL DIAMETER (Inches):	1 Inch
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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled	NA	0	Grout (0-54.25 ft bgs)
Drilling Method(s)	NA		
Borehole Dia. (in.)	NA		
Temporary Casing Installed? (y/n)	NA		
Depth temporary casing installed	NA	10	
Casing type/dia. (in.)	NA		
Method of installing	NA		
<u>CASING PULLING</u>			
Method Employed	NA	20	
Casing Retrieved (feet)	NA		
Casing type/dia. (in.)	NA		
<u>PERFORATING</u>			
Equipment used	NA	30	
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLs)	0-54.25ft bgs	40	
# 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.

FIGURE 1

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

SITE ID.: Case No. 01-101410
INSPECTOR: P. Quinlan
DATE/TIME: 12/7-12/11/2020
WELL ID.: AS-106

**MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM**

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
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.....	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

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		
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):	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.....	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:

None.

FIGURE 3 WELL DECOMMISSIONING RECORD

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 (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet) 0 10 20 30 40 50 60	Grout (0-41.3 ft bgs)
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		
<u>CASING PULLING</u>			
Method Employed	NA		
Casing Retrieved (feet)	NA		
Casing type/dia. (in)	NA		
<u>PERFORATING</u>			
Equipment used	NA		
Number of perforations/foot	NA		
Size of perforations	NA		
Interval perforated	NA		
<u>GROUTING</u>			
Interval grouted (FBLS)	0-41.3ft bgs		
# of batches prepared	NA		
<u>For each batch record:</u>			
Quantity of water used (gal.)	7.5		
Quantity of cement used (lbs.)	94		
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		
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 pickup, etc.	