

Department of Environmental Conservation

1735 Express Drive North GEOPHYSICAL CHARACTERISTICS & EVALUATION OF LITHOLOGY

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Kathy Hochul, Governor | Basil Seggos, Commissioner



Contents

Introduction:	3
Objectives:	3
Regional Geological Data:	3
Data Acquisition:	4
Data Processing:	5
I. Import to Surfer	6
II. Data Processing in Surfer	6
III. Data Limitations	6
Data Interpretation:	6
Conclusions:	8
References	8
Table 1: Field Data	9
Figures	10
Figure 1: Site Location Map	10
Figure 2: Cross-Section Layout	10
Figure 3A: Transect 1 (A-A') Gamma Cross-Section	10
Figure 3B Transect 1 (A-A') Conductivity Cross-Section	10
Figure 3C Transect 1 (A-A') Geological Interpretation	10
Figure 4A: Transect 2 (B-B') Gamma Cross-Section	10
Figure 4B: Transect 2 (B-B') Conductivity Cross-Section	10
Figure 4C: Transect 2 (B-B') Geological Interpretation	10
Figure 5A: Transect 3 (C-C') Gamma Cross-Section	10
Figure 5B: Transect 3 (C-C') Conductivity Cross-Section	10
Figure 5C: Transect 3 (C-C') Geological Interpretation	10
Figure 6: 3D Gamma Log of Site Wells	10
Appendices	13
Appendix A: Gamma & Conductivity Excel Line Logs	14
Appendix B: 1735 Express North Drive Soil Logs August 5, 2006	21
Appendix C: 1735 Express Drive North Well Logs October 7, 2010	24
Appendix D: Technical Data: RI & IRM, 1735 Express Drive North	24

Introduction:

1735 Express Drive North is a 1.58-acre site located in Hauppauge, Suffolk, County, New York. The property includes a 30,000 square foot concrete block building on a slab foundation. Historically the site was operated as a chemical company responsible for manufacturing, mixing, repackaging, and distribution of chemicals including both chlorinated and non-chlorinated solvents. Due to the site's history of chemical use, contaminants found at the site include volatile organic compounds (VOCs) including 1,1,1 Trichloroethane, Tetrachloroethene, Trichloroethene, cis-1,2 Dichloroethene, Toluene, Ethylbenzene, and Xylene. Site contamination was discovered on-site in drainage structures which required remedial excavations. VOCs were also detected in groundwater and soil vapor, prompting the installation of a sub-slab depressurization system (SSDS) on the site building and the investigation of groundwater contamination on-site and off-site. The project manager called for geophysical characterization of the site and nearby areas lithology to better determine potential flow paths for groundwater containing the aforementioned contaminants.

Objectives:

Thirty-one (31) monitoring wells were installed as part of an investigation into the 1735 Express Drive North both on and off-site in 2010. Well construction information for these wells was not included in this report because of insufficient data regarding lithology and construction during drilling. The objective of the geophysical survey effort was to determine overburden lithology off-site of the 1735 Express North Drive site and identify any geologic features controlling fate and transport. Downhole geophysical surveys allowed for investigation and identification of overburden lithology, including identification of high hydraulic conductivity layers, confining layers, and aquitards by measuring the electrical and radiological response of soils.

Regional Geological Data:

Long Island is in southeastern New York, bordered to the north by Long Island Sound, and to the south by the Atlantic Ocean. The Island is 120 miles long and at its widest point is 25 miles wide. The geography of Long Island consists of high bluffs at the north end of the island, a crest towards the middle of the island, and a gently sloping plain on the southern portion of the island.

The lithology of Long Island consists of Pleistocene-era glacial deposits including moraines and fluvial outwash plains at and near the surface, which is considered the Upper-Glacial formation containing the Upper Glacial aquifer. The Upper Glacial Aquifer is an unconfined aquifer near the surface of Long Island. The lithology of the upper glacial is primarily composed of well sorted coarse sands and fine gravels with some interbedded silts and clays along the outwash plain in the central-southern portion of the Island. The deposition of the Upper Glacial formation occurred during the Wisconsonian Glacial event which created a series of moraines during the advancing and retreating of the continental ice sheet. The Upper Glacial lithology at the northern portion of the island is generally composed of poorly sorted tills. Hydraulic conductivity is varied in these different lithologies, with the poorly sorted tills at the northern

portion of the island having lower hydraulic conductivity than the gravels and sands present in the outwash plains on the southern portion of the Island.

The Cretaceous-Age Magothy formation underlies the Upper Glacial Aquifer and is typically broken down to the Upper and Lower Magothy. The Upper Magothy is composed of a variety of sands, silts, and clays that decrease hydraulic conductivity with depth in the shallower portions of the Magothy Aquifer. Along the southern portion of Long Island, the Upper Magothy also includes the Gardiners Clay, also known as the 100-foot clay, and the Jameco Aquifer. Moving south to north, the Gardiners Clay and Jameco Aquifer feather out to the point where the Upper Glacial Aquifer directly overlies the Lower Magothy as a disconformity. The Lower Magothy is composed of coarser sands that allow for greater hydraulic conductivity, which allows for use as a drinking water aquifer that is utilized by the inhabitants of Long Island.

Beneath the Magothy lies the Raritan Clay, which is a confining unit that overlies the Lloyd Sand, which is the basal member of the Raritan Formation. The Raritan formation lies over Precambrian highly metamorphosed gneiss, which generally dips in a southern direction with the continental shelf (Walter et al, 2020).

The site is in roughly the center-portion of the island where surficial geology is described as morainal, which matches the observations made on site. Sorted coarse sands exist at the basal portion of wells drilled on and near site at approximately 50 feet asl. Sands are then interbedded with silty sands from approximately 85 feet asl to the surface, which corresponds to glacial advancing and retreating.

Data Acquisition:

The Geonics EM39, conductivity and gamma logging probes were used to collect electrical and radiological sensing data respectively. Geonics EM39 Conductivity probe measures the conductance of the soil-water matrix in the half-space between two electrodes mounted on the probe calculated in microsiemens per meter (uS/m). The EM39 utilizes coaxial coil geometry with an intercoil spacing of 50 centimeters to allow for a half meter radius of exploration into the formation. The Geonics Gamma39 Gamma probe used in this effort measures gamma radiation in counts per second (cps) of gamma radiation hits to the probe while descending or ascending through a borehole (Geonics 2013). The vertical sampling interval was set at 0.05m, which is equivalent to approximately 0.16 feet for both tools.

Both the Geonics EM39 and Gamma39 operate on an internal battery power source. Both geophysical probes connect to the Console via cable. The tooling cable core is a coaxial cable and allows for effective investigation up to 1500 feet in depth (Geonics 2016). A tripod with depth decoder is set over the borehole the probes are raised and lowered while data is simultaneously recorded on PC hard drive. Data acquired during this imaging effort was stored in a solid-state flash drive during field work and was uploaded at central office for data processing and analyzation.

During data collection, MP-13 was used for Quality Assurance/Quality Control (QA/QC) to ensure consistency in readings from the Gamma and Conductivity probes. Each probe was

lowered into MP-13 for geophysical logging as usual, then gamma and conductivity logs were performed again as each probe was raised out of MP-13. Conductivity and Gamma data sets for up/down log readings were compared to check for anomalies. No issues were detected during QA/QC.

The GPS equipment used to map monitoring well locations was a Trimble [™] which is a hand-held GPS coordinate device with an accuracy of 4 inches that allows the user to plot points and assign names of those points from the field.

Ryan Richard, Alex Malamet, and Emily Barry of the New York Department of Environmental Conservation (DEC) Region 3 Office and Mark Domaracki, Jared Donaldson, and Alex Klein from DEC Central Office collected geophysical data between October 12th and 13th, 2022.

Data Processing:

Survey data was consolidated in DAT39 conversion suite and tabulated using Microsoft Excel [™]. Data imported from the Geonics probe is recorded as depth in meters and conductivity in micro siemens per meter (uS/m) or gamma in counts per second (cps). Geophysical logs depths were converted from meters to feet. GPS top of casing (toc) elevation (feet) was used to correct geophysical logs from depth to elevation in feet. Once converted to elevation, logs could be cross correlated with adjacent logging data. Raw conductivity data was cut to remove magnetic interference associated with steel near the surface. In order to eliminate noise, data sets for both conductivity and gamma logs were processed using a moving average of 5 data points. Individual logs were generated in Excel and are provided in Appendix A. Processed Excel files were imported into surfer for lithology profiling and mapping.

Well top of casing elevations were gathered from previous site investigations for all except a few wells which included MP-9, MP-13, MP-29, and MP-30. Wells that did not have casing elevations were given estimated elevations subject to linear interpretation given the elevation of other known nearby wells adjusted for change in ground surface elevation. This process of determining the elevation of an existing well without elevation data involved determining the difference in elevation between two wells in a transect that had given elevations on either side of the well that didn't have elevation data. The distance between the wells with elevation data was measured, which provided enough information to determine the rise/run per foot. The distance from one well with existing elevation data to the well without elevation data was determined, and then the elevation of the well without data was calculated based on the rise/run multiplied by the distance from the well with existing elevation data. While this process allows for a relative value for elevation, it is not exact as the surface is not linear by nature. However, the surface of the study area was relatively flat, and wells with unknown elevations were typically in transects with wells that had existing elevations, which field staff at the time of investigation found sufficient to determine fairly accurate elevations of wells that did not already have existing elevation values.

Water table elevation data was gathered by measuring the depth to water from each well's top of casing before logging took place, then subtracting the depth to water from the top of casing

elevation to provide the elevation of the groundwater table in feet above sea level. Well data and water table elevation data is included in Table 1.

ArcMap[™] was used to create Figures 1 and 2, using existing New York State Geospatial data as a template on which to show the site map (Figure 1), and how each transect was projected across the study area (Figure 2).

I. Import to Surfer

The coordinates from the Trimble [™] GPS were uploaded via Pathfinder to a computer where the GPS coordinates were added as a column into the processed Geonics excel file. The final excel file included monitoring well name, longitude, latitude, depth, elevation, azimuth, inclination, conductivity, and gamma data as point data. The files were uploaded to Surfer 23.

Top of Casing elevation and water table elevation were then imported to surfer as values and assigned to the corresponding geographic locations of wells logged during this effort.

II. Data Processing in Surfer

Surface elevations were grided via the Kriging method which is ideal for irregularly spaced data. Surface and water table elevations were assigned to their corresponding wells for geospatial relation. Cross-section layout was interpreted from the geospatial data. Three cross-sections were obtained using the gamma and conductivity data by linear triangulation. Transect 1 (A-A') is a cross-section stretching south-north intersecting MW-1, MP-4, MP-6, MP-7, MP-9, and MP-11 (Figures 3A-3C). Transect 2 (B-B') is east-west spanning between MP-6, MP-12, MP-13, and MP-14 (Figures 4A-4C). Transect 3 (C-C') is southeast-northwest spanning between MP-1, MP-4 and MP-14 (Figures 5A-5C). All wells were then displayed in a 3d image to show potential lithological relationships aross the study area, presented in Figure 6.

III. Data Limitations

The conductivity probe is prone to magnetic interference. Shallow metallic objects (ie. casing or shallow utilities). Conductivity data near the top of each well was excluded due to interference with the metal monitoring well housing. Conductivity logs are evaluated for groundwater presence in the interpretation of data. Gamma log data is not susceptible to these same limitations.

Wells MP-29 and MP-30 are significantly lower in elevation than the rest of the surveyed wells. Both MP-29 and MP-30 did not contain water. As a result, MP-29 and MP-30 were eliminated from the 3D data interpretation and cross-sectional analysis.

Data Interpretation:

The first step in data interpretation was reviewing gamma and conductivity logs in Excel. Data files were then imported to Surfer to create cross sections and 2D and 3D models for interpretation. Cross-sections generated in Surfer for gamma and conductivity were interpreted side by side with excel line logs for cross section figure creation. Data was analyzed relative to

elevation. MP-1 was used to calibrate probe sensitivity and range relative to a nearby site boring log with descriptions of soils. Conductivity readings above 70 μ S/m correlate well to silty sand. Conductivity readings under 70 μ S/m correlate to sands, with well sorted sands (poorly graded) having slightly lower conductivity readings than poorly sorted sands (well graded). Gamma readings below 40 cps were interpreted as coarse sand and gravel. Gamma readings between 40 and 60 were interpreted as sand, while readings above 60 cps were interpreted as silty sand. Gamma values above 80 cps were interpreted as silty-clayey sand. Due to the distance between MP-1 and the site, gamma log correlations were also checked against the gamma log of MW-1 and the soil log of LP-4B, which was a soil boring performed in an on-site leaching pool in the vicinity of MW-1 in order to ensure geophysical field data was consistent with historically observed subsurface lithology.

Regional and local geological history was considered when making interpretations. The regional geological history of Long Island is associated with the Wisconsin glaciation between 12 and 20 thousand years ago. Long Island itself is a terminal moraine created during the glacial maxima. The site is located on the Ronkonkoma terminal moraine. The moraine was formed during interglacial retreat and ice readvance. Depositional environments associated with the Ronkonkoma include glacial, fluvial and lacustrine.

Gamma log exhibited the most consistent response for interpretation of overburden lithology. Gamma logs exhibited a large shift in baseline values in all the boreholes around 80 feet asl. A baseline of low gamma response is established at the bottom of the borehole with rapid increase in gamma values above 80-90 feet asl. The response is interpreted as a thick layer of a silica rich coarse sand and gravel transitioning into a finer grain sand. Very low gamma readings below 90 feet asl are consistent with the timeline of glacial deposition associated with the Ronkonkoma terminal moraine which could transport and deposit coarse materials.

Above the 80 feet to the surface (140 to 160 feet asl), gamma response shows variation along a similar baseline with generalized increased count as you move towards the surface. Data is interpreted as layers of sands are interbedded with silty sand. The thickness and position of the interbedded sands and silty sands varies from 80 to 120 feet asl.

At approximately 120 feet asl an increase in gamma is observed across all logs with a steady conductivity log. This is interpretated as a distinct silty-sand layer with a thickness of 10 to 20 feet, before transitioning back into a sand. Another distinct layer of silty sand is observed near the surface at 130 to 140 feet asl. However, in some lower elevations the layer appears to be missing suggesting it may have been eroded away during inter-glacial fluvial processes. The timeline and positioning of the layers would be consistent with fluvial and lacustrine deposition of finer sediments along terminal moraine margins post glaciation.

Geophysical logs are consistent with the local geological history. Coarse silica rich sediments consistent with glacial deposition underlie, finer fluvial and lacustrine deposits. The finer sediments are thought to be associated with the fluvial and lacustrine deposition during glacial retreat. Damming along the moraine margins and alluvial fan depositions south of the moraine are consistent with the interpretation.

Conclusions:

The 1735 Express North Drive site and off-site was once a glacial moraine margin between the glacial advance and outwash plains of Long Island. At depth (approximately 50 to 85 feet asl) the lithology is composed of primarily coarse sand and gravel suggesting glacial depositional environment created by ablation. Above 85 feet in elevation, sands are interbedded with silty-sands and medium-fine sands, suggesting meltwater streams allowed sediment carried by the glacier to be sorted and deposited relatively close to the glacial margins. Above 120 feet asl it appears as the glacier retreated north, finer silts and sands were able to be deposited at the moraine margins before fluvial processes cut though the moraine east of the site creating a large alluvial fan to the south of the moraine margin.

References

Walter, D. Finklestein, J. Distribution of Selected Hydrogeologic Characteristics of the Upper Glacial and Magothy Aquifers, Long Island, New York. USGS. 2020

FPM Group. Remedial Investigation Work Plan, 1735 Express Drive North, Hauppauge, New York. December 2013

Geonics Limited. EM39 Conductivity. 2016. http://www.geonics.com/html/em39.html

Geonics Limited. Gamma39 Natural Gamma. 2013. http://www.geonics.com/html/gamma39.html

Table 1: Field Data

Monitoring Well	Lat	Long	MW Diameter (inches)	TOC Elevation (ft)*	Depth to water (feet)	Total Depth (feet)	Bottom Elevation	Water Table Elevation (ft)	Azimuth	Declination	Screen Interval (ft)*	Sump Interval (ft)**	Gamma Log File	Conductivity Log File	QA/QC
MW-1	40.807993	-73.232506		150	85.01	. ,	38.9	64.99	0		NA	NA			4,740
MP-1	40.808273	-73.228591		166.04	102.31	112.82	53.22	63.73	0		110-115	115-120	MP1GD	MP1UP4	
MP-4	40.809147	-73.228779	2	158.35	94.69	122.9		63.66	0		160-165	165-170	MP4GD1	MP4CU4	
MP-6	40.810023	-73.228749	2	150.98	87.38	102.1	48.88	63.6	0	0	160-165	165-170	MP6GD1	MP6CD2	
MP-7	40.810392	-73.228742	2	147.55	84.09	101.88	45.67	63.46	0	0	NA	NA	7GD1	7CD1	
MP-9	40.810926	-73.228726	2	143	79.68	94.16	48.84	63.32	0	0	160-165	165-170	9GD1	9CD1	
MP-11	40.811485	-73.228822	2	138.38	91.55	91.55	46.83	46.83	0	0	150-155	155-160	11GD1	11CD1	
MP-12	40.810159	-73.227269	2	157.78	94.71	107.53	50.25	63.07	0	0	160-165	165-170	12GD1	MP12CU1	
MP-13	40.810158	-73.226856	2	158	100.92	111.91	46.09	57.08	0	0	160-165	165-170	13GD1	13CD1/13CU2	Х
MP-14	40.810149	-73.226415	2	158.53	95.68	112.36	46.17	62.85	0	0	160-165	165-170	MP14GD1	MP14CD1	
MW-2S	40.808304	-73.231957	1	151.15	86.77	90.27	60.88	64.38	0	0	NA	NA	NA	NA	
MW-2I	40.808304	-73.231957	1	151.15	86.83	92.23	58.92	64.32	0	0	NA	NA	NA	NA	
MW-2D	40.808304	-73.231957	1	151.15	86.79	106.42	44.73	64.36	0	0	NA	NA	NA	NA	
MW-4D	40.807902	-73.231839	1	151.55	86.6	106.41	45.14	64.95	0	0	NA	NA	NA	NA	
MW-4S	40.807902	-73.231839	1	158.35		87.54	70.81		0	0	NA	NA	NA	NA	
MP-29	40.813428	-73.220911	2	75	26.82	39.56	35.44	48.18	0	0	110-115	115-120	MP29GD1	MP29CU2	
MP-30	40.81289	-73.220826	2	78	31.13	38.27	39.73	46.87	0	0	110-115	115-120	MP30GD1	MP30CD1	
	Indicates Well Elevation Unknown: value determined through linear interpretation														

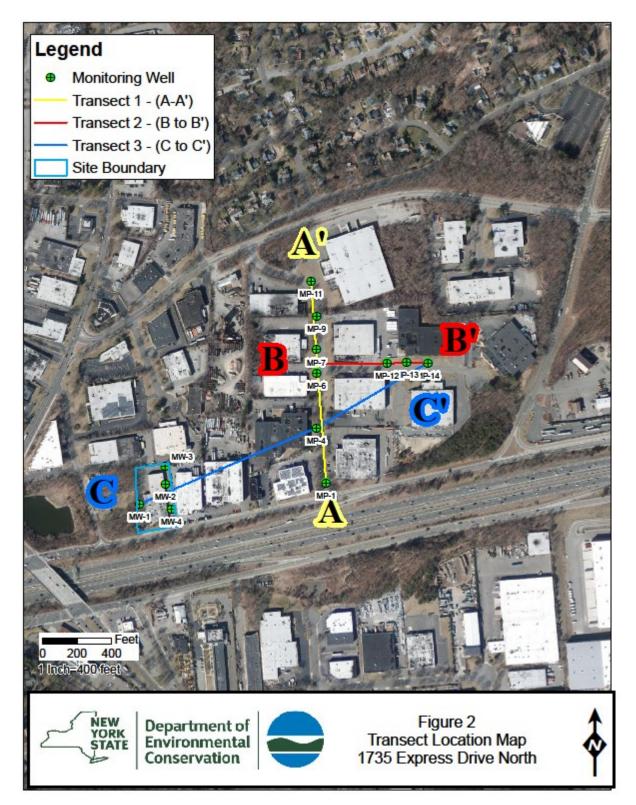
*TOC Elevation Values from Appendix D of Report

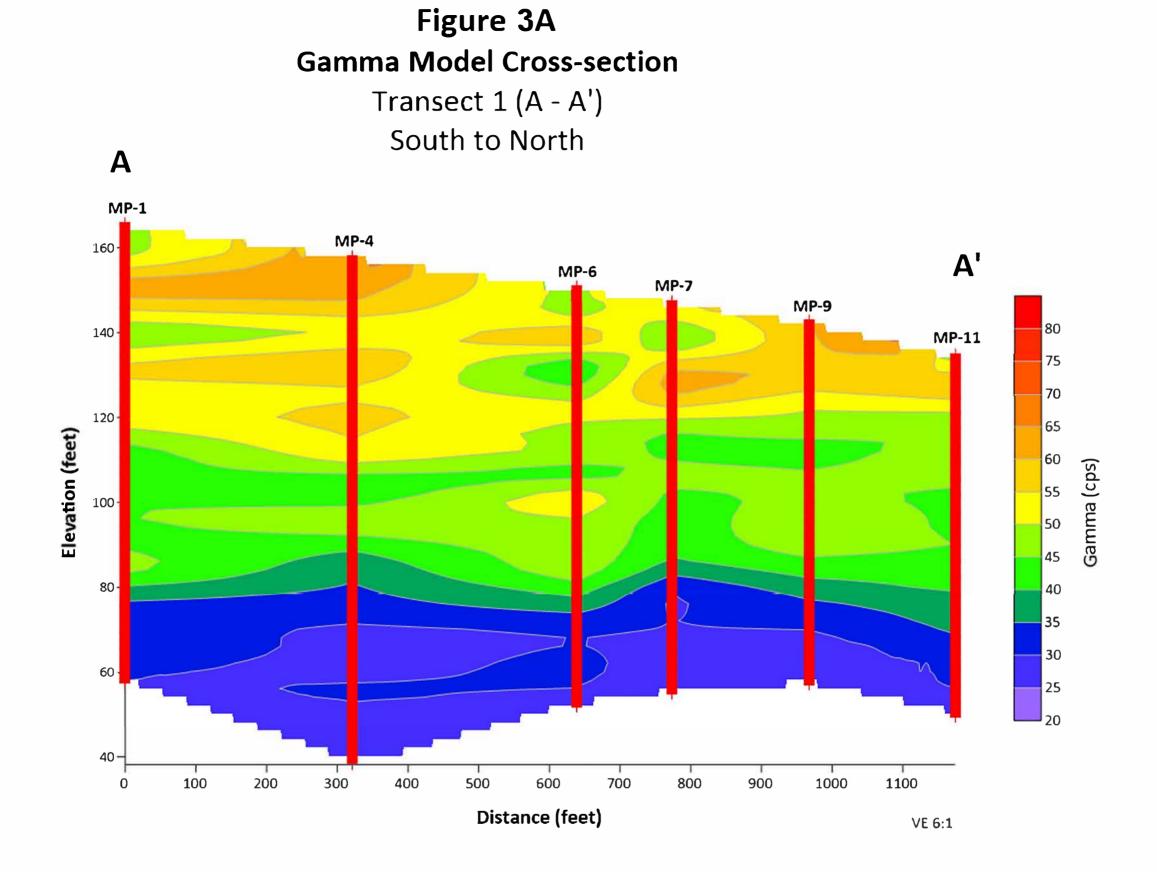
**Values from Appendix C of Report

Figures

Figure 1: Site Location Map Figure 2: Cross-Section Layout Figure 3A: Transect 1 (A-A') Gamma Cross-Section Figure 3B Transect 1 (A-A') Conductivity Cross-Section Figure 3C Transect 1 (A-A') Geological Interpretation Figure 4A: Transect 2 (B-B') Gamma Cross-Section Figure 4B: Transect 2 (B-B') Conductivity Cross-Section Figure 4C: Transect 2 (B-B') Geological Interpretation Figure 5A: Transect 3 (C-C') Gamma Cross-Section Figure 5B: Transect 3 (C-C') Conductivity Cross-Section Figure 5C: Transect 3 (C-C') Geological Interpretation Figure 5C: Transect 3 (C-C') Geological Interpretation Figure 6: 3D Gamma Log of Site Wells







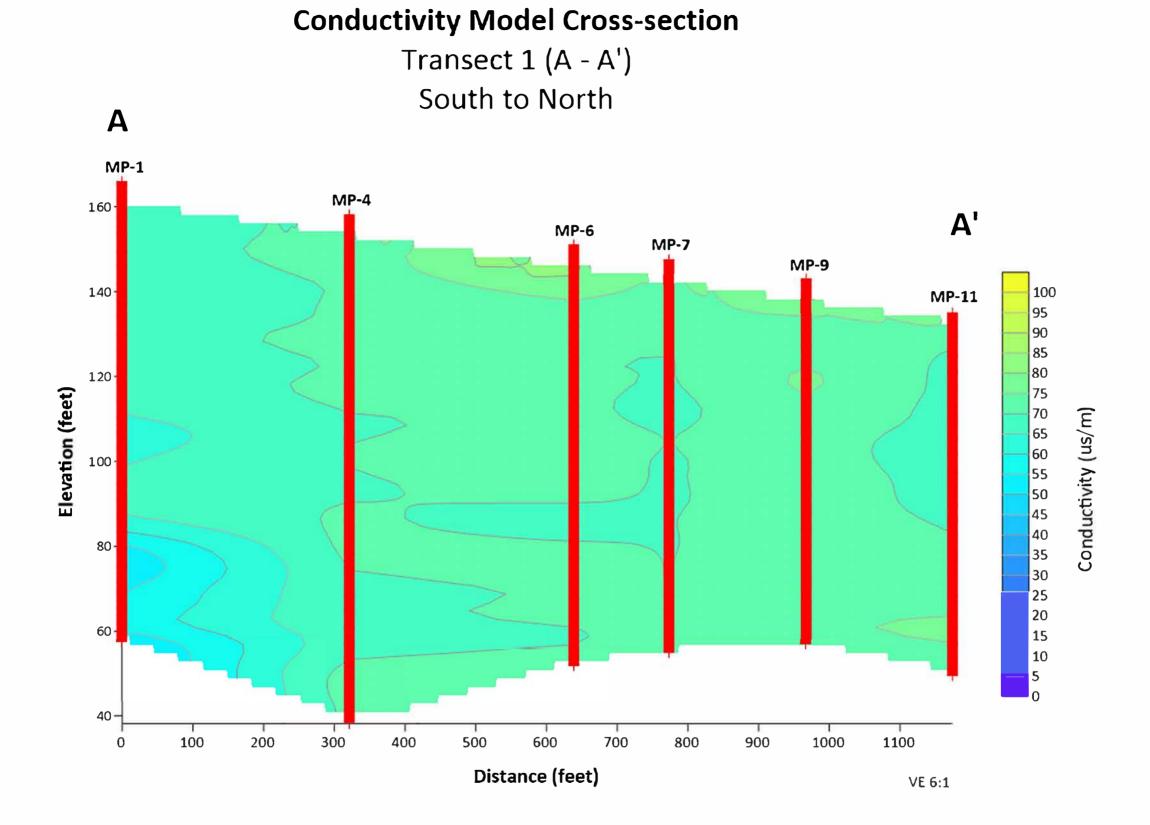


Figure 3B

Figure 3C Geological Interpretation Cross-section Transect 1 (A - A')

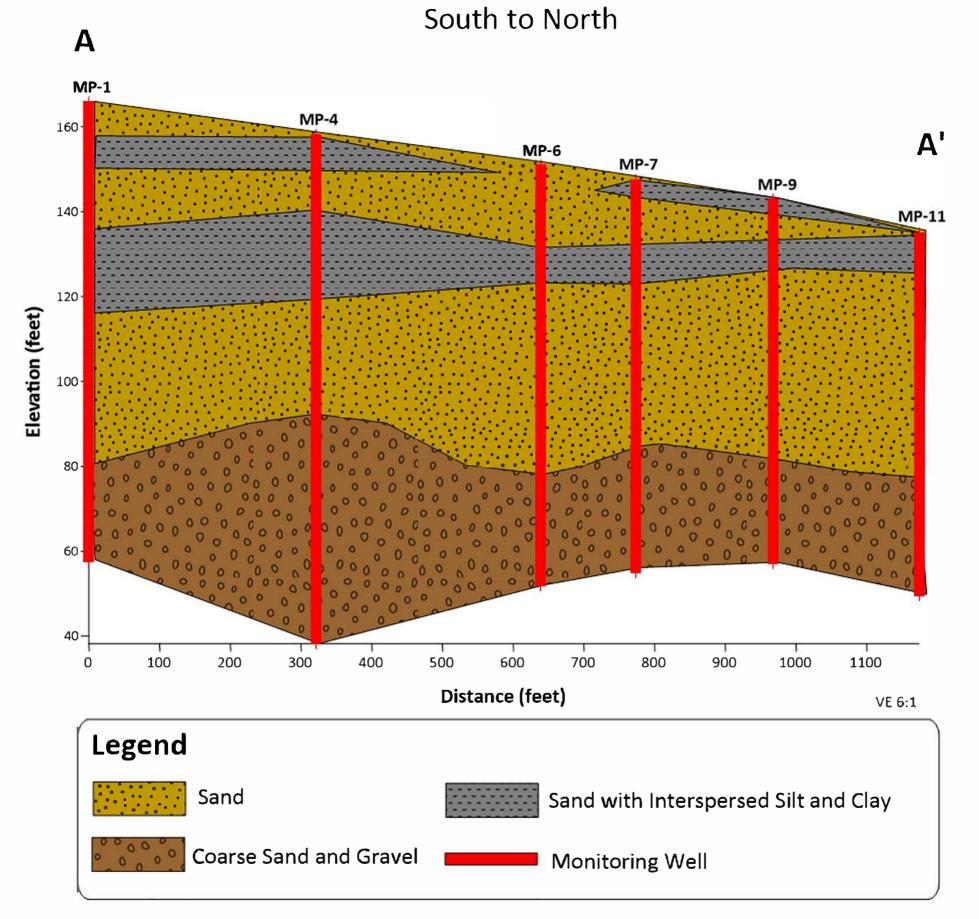


Figure 4A Gamma Cross-section Transect 2 (B - B') East to West

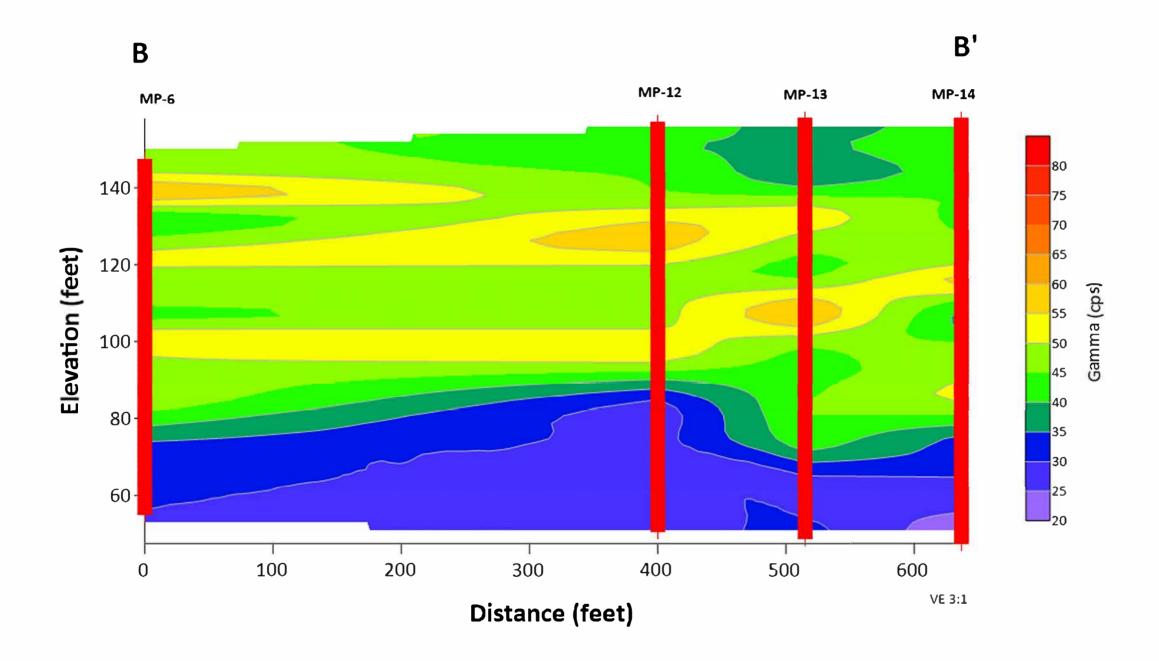


Figure 4B

Conductivity Cross-section

Transect 2 (B - B') East to West

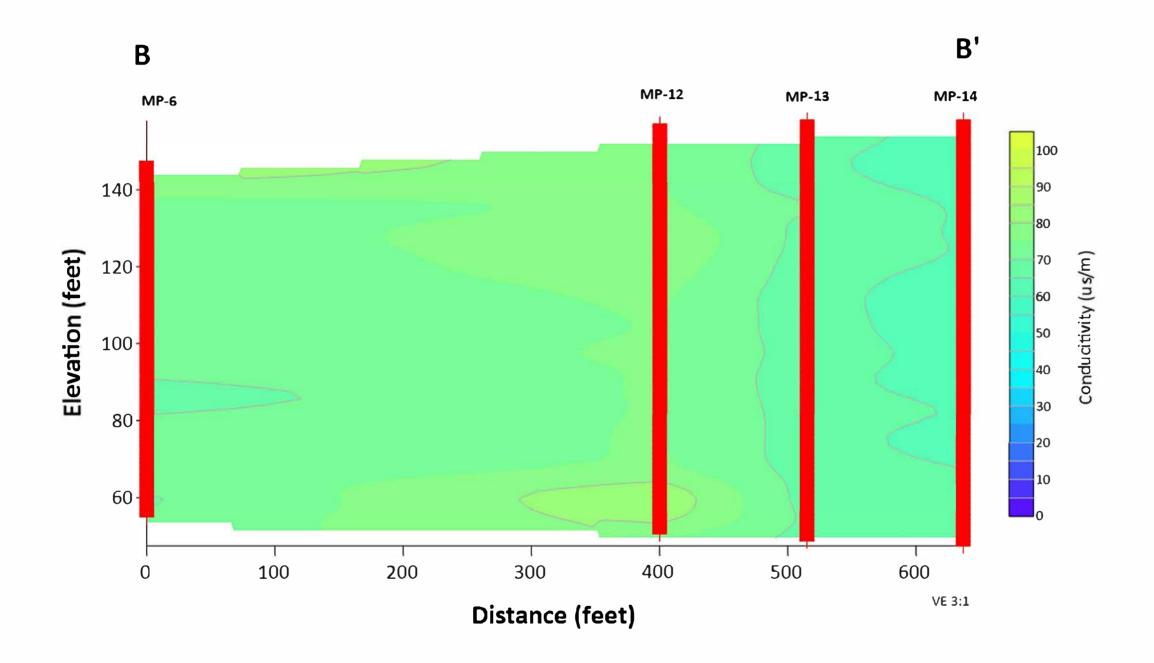


Figure 4C Geological Interpretation Cross-section Transect 2 (B - B') East to West

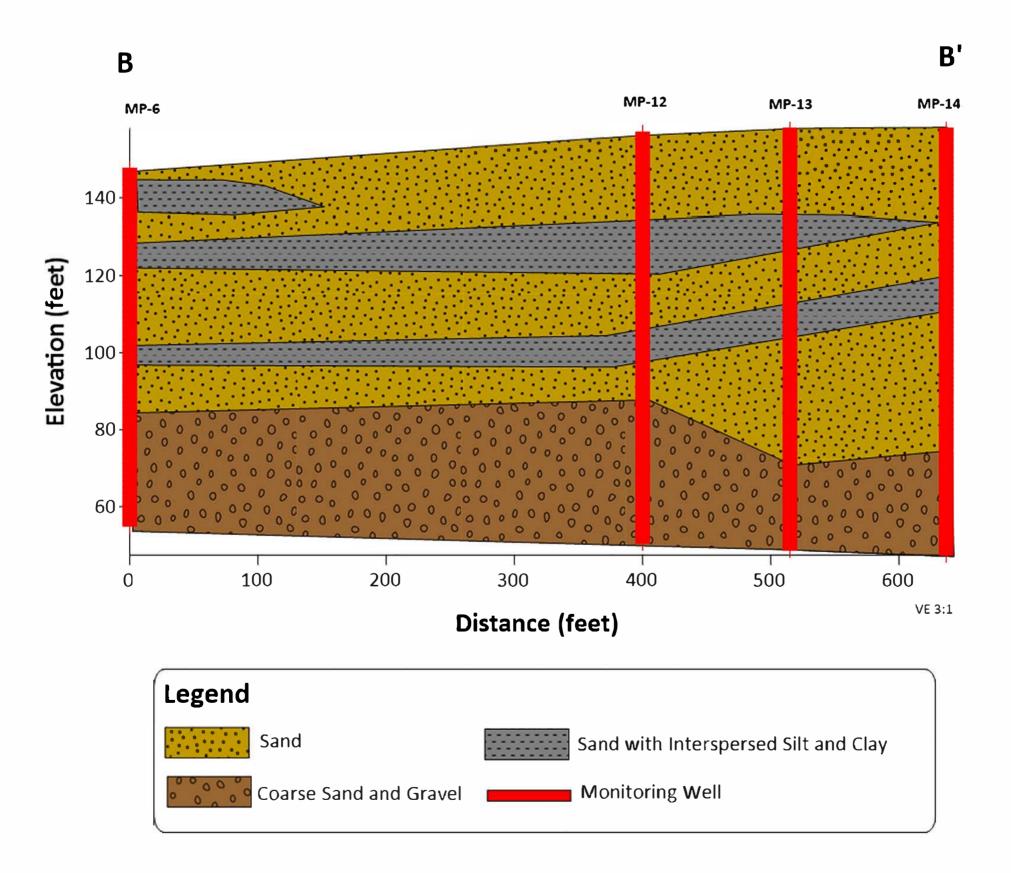


Figure 5A Gamma Model Cross-section Transect 3 (C - C') Southwest to Northeast

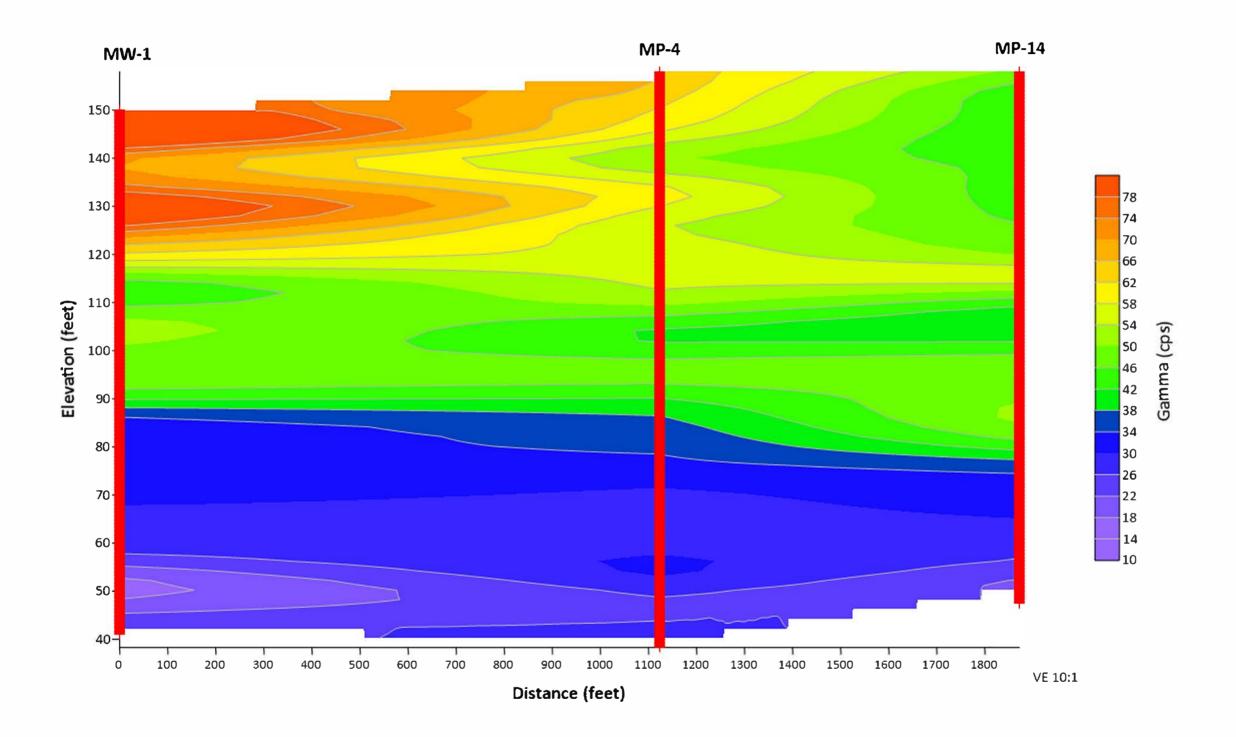


Figure 5B Conductivity Model Cross-section Transect 3 (C - C')

Southwest to Northeast

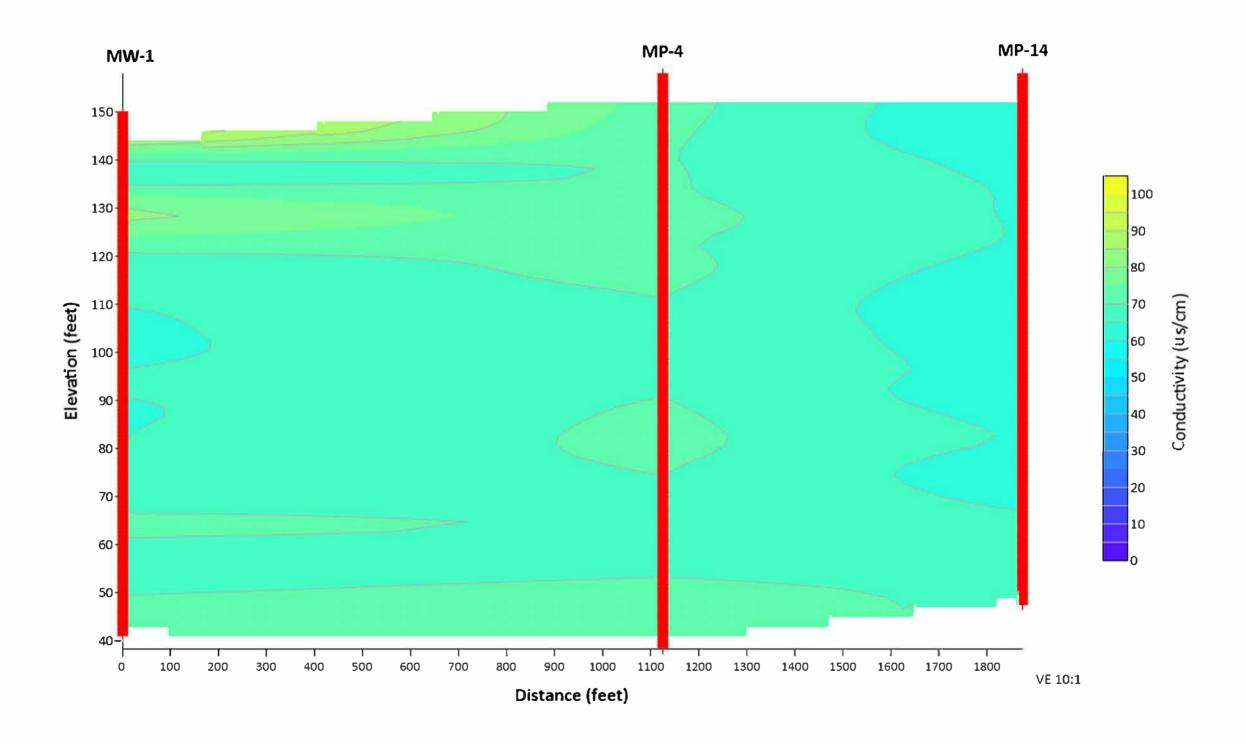


Figure 5C Geology Interpreation Cross-section Transect 3 (C - C') Southwest to Northeast

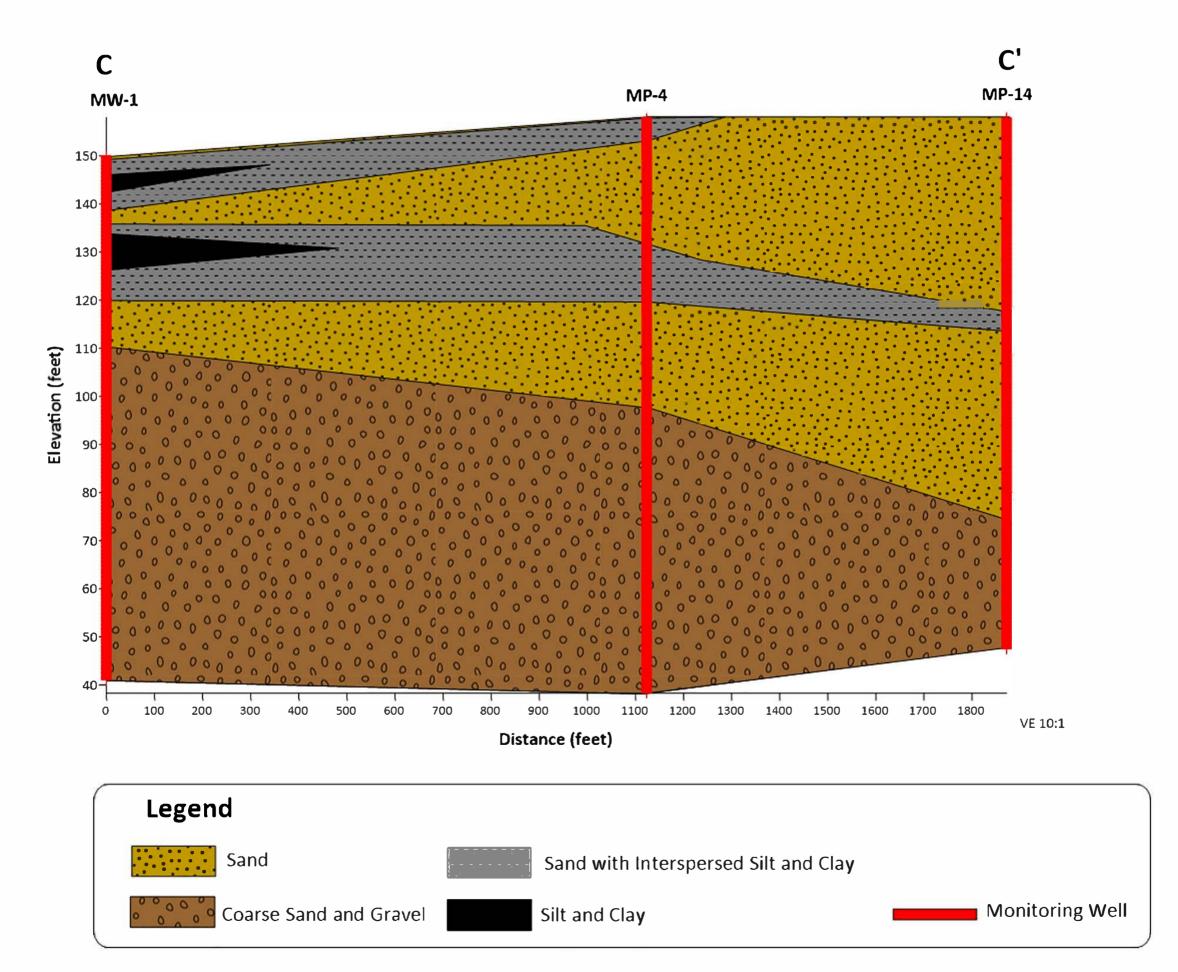
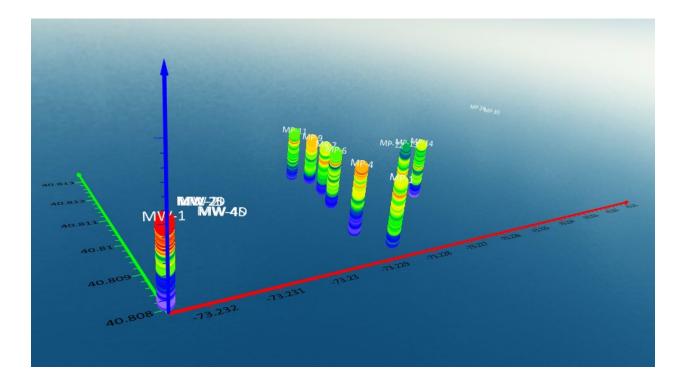


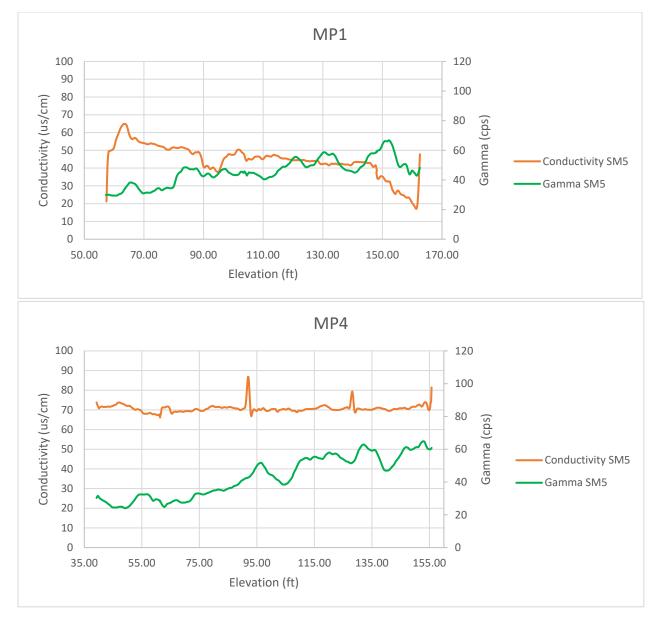
Figure 6: 3D Gamma Log of Site Wells



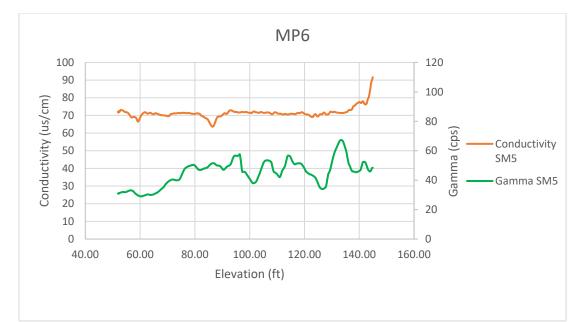
Appendices

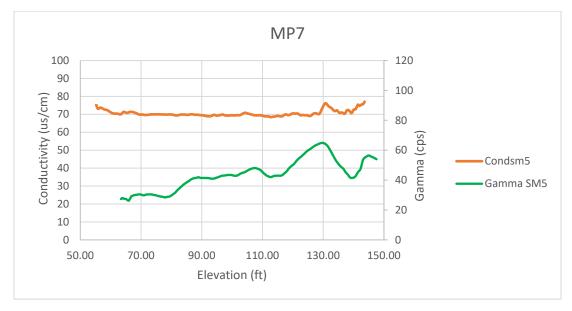
Appendix A: Gamma & Conductivity Excel Line Logs

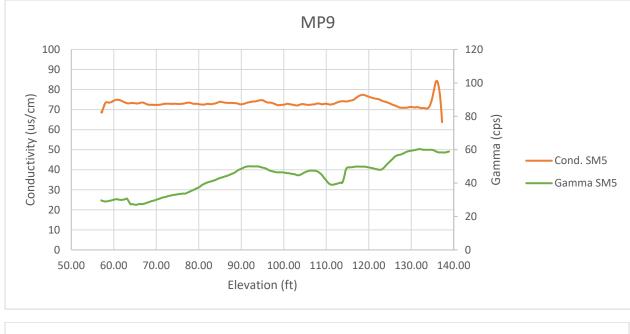
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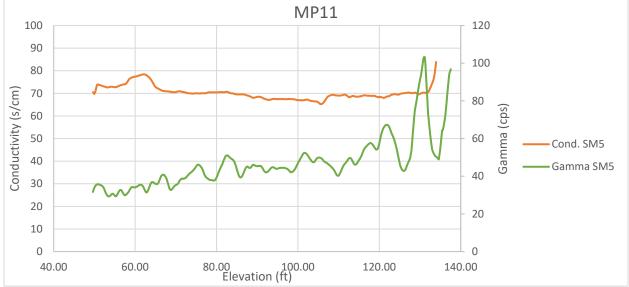


1735 Express North Drive Geophysical Characteristics & Evaluation of Lithology NYSDEC

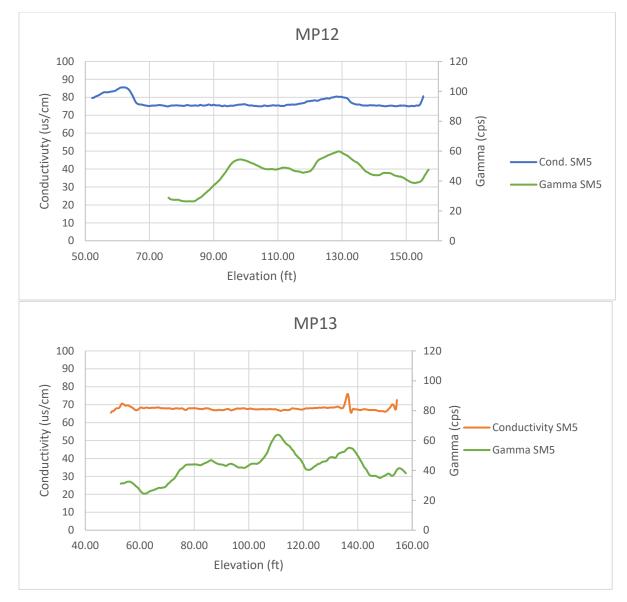




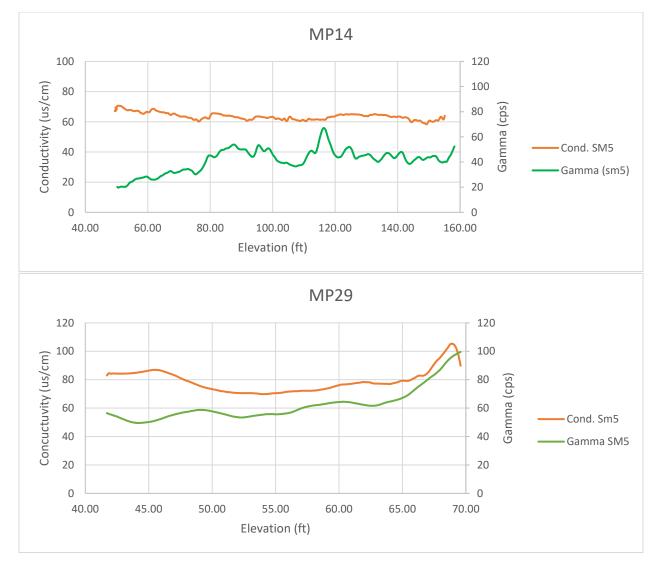


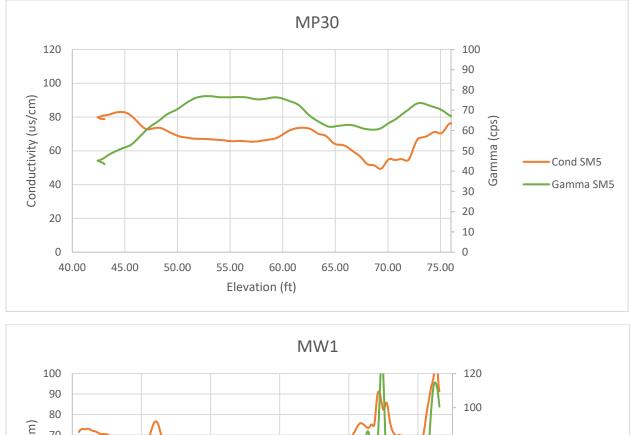


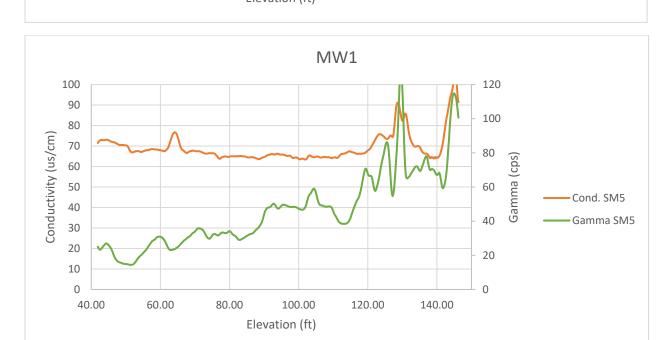
1735 Express North Drive Geophysical Characteristics & Evaluation of Lithology NYSDEC



1735 Express North Drive Geophysical Characteristics & Evaluation of Lithology NYSDEC







Appendix B: 1735 Express North Drive Soil Logs August 5, 2006

	Ronko	M GROUP nkoma, New York	SITE MAP
LOCATION 1735 WELL No. LP-4 SURFACE ELEV SCREEN DIA	EXPWY. DR. N. B TOTAL DI T WATER L LENGTH - LENGTH -	EPTH <u>61'</u> EVEL INITIAL <u></u> -	DIAMETER BLD0 24-hrs LP-4
DEPTH (FEET) PID (ppm)	CTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
$ \begin{array}{c} -2 \\ -4 \\ -6 \\ -8 \\ -10 \\ -12 \\ -14 \\ -16 \\ -18 \\ -20 \\ -14 \\ -16 \\ -18 \\ -20 \\ -1065 \\ -22 \\ -24 \\ -26 \\ -28 \\ -28 \\ -28 \\ -30 \\ -46 \\ -32 \\ -38 \\ -38 \\ -40 \\ -13 \\ -42 \\ -44 \\ -48 \\ -46 \\ -50 \\ $	S.	SM SM SM SW 29-3 SW 34-3 V/SP 39-4 SW	 DEPTH TO SEDIMENT. 5K GALLONS OF STORMWATER PUMPED OFF PRIOR TO DRILLING. LP-3 DRAINING TO LP-4 DURING DRILLING. AUGERS ADVANCED TO 19' WITH CENTER PLUG. 1 4/5/12/12 10" RECOVERY. SW. DARK GRAY-GRAY M-C SAND, TRACE GRAVEL, SOLVENT ODOR. MOIST. 10/13/15/16 14" RECOVERY. SM. GRAY-TAN M-F SILTY SAND. TRACE GRAVEL. SOLVENT ODOR. MOIST. 6 10/13/15/16 10" RECOVERY. SM. TAN M-F SILTY SAND. TRACE GRAVEL. FAINT SOLVENT ODOR. MOIST. 6 13/24/39/42 12" RECOVERY. SW. TAN M-F SILTY SAND. TRACE GRAVEL. FAINT SOLVENT ODOR. MOIST. 6 13/24/39/42 12" RECOVERY. SW. TAN M-F SAND. LITTLE SILT & GRAVEL. FAINT SOLVENT ODOR. DAMP. 1 2/10/15/25 8" RECOVERY. TOP 5" SW. TAN M-C SAND, SOME GRAVEL. BOTTOM 3" SP. TAN M SAND. TRACE GRAVEL. FAINT ODOR. DAMP. 6 11/21/35/25 8" RECOVERY. SW. TAN M-C SAND. LITTLE GRAVEL. FAINT SOLVENT ODOR. DAMP.

H:\MAGIO\RORING LOG LP-4E.dwg, B/7/2006 4:49:48 PM, 1:1

PAGE 1 OF 2

		DUP		
LOCATIO WELL N SURFAC	o. <u>LP-4</u> E ELEV	EXPWY. DR B TOT, WAT	AL DEPTH 6 ER LEVEL INF	B # <u>894-06-01</u> p;
DEPTH (FEET)	(mqq)	CONSTRU- CTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
—50— —52—	3	Ŭ	SW	49–51 13/30/38/36 10" RECOVERY. SW. SAME AS 44–46.
54 56 58	5		SW	54–56 7/22/24/32 10" RECOVERY. SW. SAA. 59–61 9/16/21/32 9" RECOVERY. SW. SAA, EXCEPT SOME GRAVEL.
-60- -62-	4		<u>sw</u>	61 END OF BORING. PULL AUGERS OUT TO 30' B.G. HOLE COLLAPSED.
				CHECK W/ TAPE. GROUT 30'-15' B.G.

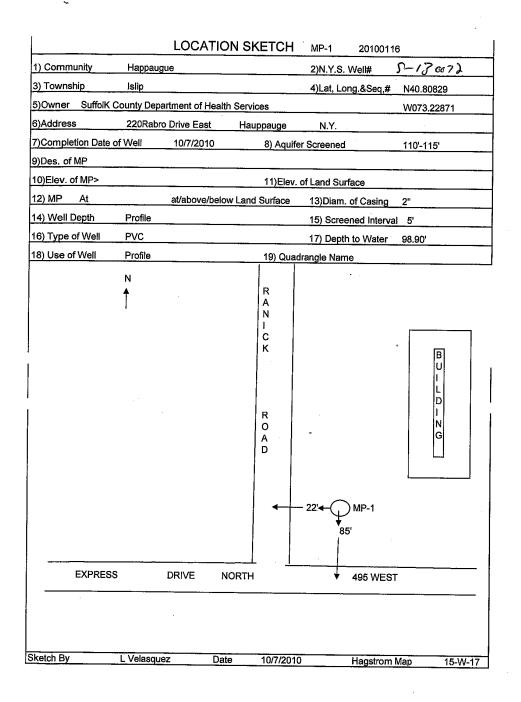
Appendix C: 1735 Express Drive North Well Logs October 7, 2010

County	Suffolk		MP-1			201	00116	Well Nu		~	~ .	1800	ر د ،				
	COMPL	ETION		RT-I	ON				mber	3		300	10				
OWNER									<u> </u>		LC	OG		7			
	Suffolk County Department of Health Services									Ground Surface							
ADDRESS	260 Vanh	ank Ava	Cuito 1			alc Ma		4000									
LOCATION	360 Yaph		, Suite T	<u>, ra</u>	pnai	1K, INE	W YORK 1	1980	E		F	t. abov	e sea				
Ranick roa	ad, Happaugu	le								_			-ft				
	Well Below Surface Depth to Groundwater From Surface										OP C	F WEL	<u>L</u>				
120'		<u> </u>	CASING	98.9	0'					1	1.		1.				
Diameter			CASING														
2"	in.		in.			in.		in.									
Length 115'	ft.		ft.			ft.											
SEALING	IC.		<u></u>		OPE	NINGS		ft.				1					
				_								l					
Make		S	CREEN									1	ĺ.				
Johnson						ENINGS 10slo				2							
Diameter	1		·····			10310				111							
2" Length	in.		in.			in.		in.			<u> </u>		1.5				
5'	ft. İ		ft.			ft.		ft.						1			
	OP FROM TOP	OF CASING	3		1	14.	· · · · · · · · · · · · · · · · · · ·	11.									
								<u>.</u>									
DATE			PUMP TES	T	TEET		RMANENT PL	IMD.									
57 (I E				2	1E3			JIMP				•	1				
DURATION			·		MAX	MUM D	SCHARGE		12	0'							
STATIC LEV	days EL PRIOR TO TI	FST		hours	157		ING MAXIMUI	gallons per min.	*								
011110 221	ft.	-01		in.	LEV		ft.	n Polviping in									
MAXIMUM D	RAWDOWN				Appro	x. time		after of pumping	<u> </u>				· .				
		DUMPING		ft.			hours	s mir	۱.								
TYPE		PUMPING I MAKE	NSTALLED	-			MODEL NUN										
							NODEL NON	//DER					ĺ				
MOTIVE PO	WER	MAKE					H.P.										
Capacity																	
Capacity			g.p.m.a	nainet			ft of d	incharge head									
NUMBER OF	BOWLS OR ST	AGES	9.p.m.u	gamor	···		1. 01 u	ischarge head									
								ft. of total head				5					
	DROP LINE		<u> </u>			1	SUCTION LI	NE		5	╶╢	- r					
DIAMETER						DIAME					┍╌╹┼	-e-					
					in.			i	in.		1	е					
ength						Length						n					
METHOD OF	DRILLING				ft.	USE O	F WATER		in.	4							
rotory	cable too	x	other	Auge	r	Test						s					
NORK STAR	TED					COMP			1	لے		u					
10/7/2010 DATE	DRILLER		<u> </u>			10/7/		TRATION NO.		5		m					
10/7/2010		uis Velasq	uez					1854	1 ·			р					
NOTE										, ,	,						
NUTE: Show	log of well mate	rials encount	tered with de	pth belo	w grou	nd surfa	ce water bear	ing beds	ť		+						
)escribe rena	els in each casing ir job.See instruc	J screen pun	np additional Vell Drillor's I	pumping Regulation	g test :	and othe	r matters of in	terest.			L						
			ven Driller S I	regulation	лапо	reports	5. <u> </u>										

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R	SKETCH OF	LOCATION			وي. من من ا
A		N A			
1	•				
C K 22'∢) MP-1	•			
 R 85'				J L	
A EXPRES	S DRIVE	NORTH	an an an an an Arra. An an Arra		
 D				л: г	
	on will with respect to at le	east two streets c	or roads	1	
	distance from corner and	front of lot.	10000		ana an
	Show Nor	th Point			
Check THE TOWN	IN WHICH THE PROJEC	T IS LOCATED:			and a second
NASSU COUNTY					
Hempstead	North Hempstead		Oyster Bay		and the second second
Suffolk County		en server an			
Babylon	Brookhaven	E	East Hampton		
Huntington	Islip		Riverhead		
Sheiter Island	Smithtown		Southampton		· · · ·
Southold			a da an an		
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					a de la companya de l La companya de la comp La companya de la comp
					and the second second
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,		NEW YORK DEPARIN	ENT OF ENVIR	ONMENTAL CONSEP	RVATION			
County	Suffolk		ORT-LONG	20100117 G ISLAND W	Well Numb	er	-1300;	
OWNER						<u> </u>	LOG	<u>S-130073</u>
ADDRESS		ounty Departme				Ground	Surface	
ADDRESS	360 Yaph	ank Ave; Suite	1C [.] Yanhar	k New York 1	1080	_	-	
			ro, rapital	IN, NEW TOR T	1900	EL.	Ft. above	sea
Ranick ro	ad, Happaugu	le					ft	
170'	ell Below Surface		Depth to Gro	oundwater From Surfa 96.50'	ce	T	OP OF WELL	-
	·	CASING		90.50		- ↑	T I I	
Diameter 2"	in.	:		• 1				
Z Length		in.		in.	in.	-11		
165'	ft	ft.		ft.	ft.			1
SEALING			OPEN	NINGS				
		SCREEN				-1		
Make	· · · · · · · · · · · · · · · · · · ·		OPE	ININGS				
Johnson Diameter				10slot		┥╽┍		
2"	in.	in.		in.	in.	16	50'	1
Length 5'	<u>а</u>	<u></u>				-1 -		
	ft. TOP FROM TOP	ft. OF CASING		ft.	ft.	4		
18 10								
DATE		PUMP TE			18.45%]		
BITTE			11231	OR PERMANENT PU	JMP			
DURATION				VIUM DISCHARGE	<u></u>	170 '		
STATIC LEV	days EL PRIOR TO TE	EST	hours	L DURING MAXIMU	gallons per min.	╺┟╴┬┈┘		
	ft.		in.	ft,	in,			
MAXIMUM C	RAWDOWN			x. time of return level	after of pumping			
		PUMPING INSTALLED	<u>ft.</u>	hour	s min.			
TYPE		MAKE		MODEL NUM	MBER	-1		
MOTIVE PO	WER	MAKE		H.P.]		
Capacity		· · · · · · · · · ·		<u> </u>		-1		
	BOWLS OR ST	g.p.m.	against	ft. of d	scharge head			
NUMBER OF	BOWLS OR ST	AGES	1.		A			
	· · · · · · · · · · · · · · · · · · ·		· · ·		ft. of total head	- 1	S S	
				*		5		
DIAMETER	DROP LINE			SUCTION LI	NE			
			in.	DIAMETER	in.		e-	
Length				Length		1 ,	n	
VETHOD OF	DRILLING		ft.	USE OF WATER	in.			
rotory	Cable too	l other	Auger	Test			s	
NORK STAF				COMPLETED		1 _		
10/8/2010 DATE	DRILLER			10/8/2010 IREGIS	TRATION NO.	5	m	
10/8/2010		is Velasquez		INEGIS	1854		p	
NOTE: OL						↓↓ ↓		
and water lev	els in each casing	ials encountered with d screen pump addition	epth below grour	nd surface water bear	ing beds			
Describe repa	air job.See instruct	tions as to Well Driller's	Regulation and	Reports.	ເຮົາອະເ.			
				· ·		1		

	R	SKETCH OF	LOCATION	1	i 1	
	A N		. N ↑			
	I ← 23' ◀ () C	MP-2				
	κ					
	R 208'	<u></u>				
	A EXPRESS D	DRIVE	NORTH		· · · :	
	· · ·					
:						
and the second				4		
•		will with respect to at istance from corner ar Show No		ets or roads		
	Check THE TOWN IN	WHICH THE PROJE	ECT IS LOCA	TED:	· · ·	
1	NASSU COUNTY		, · · ſ			
Ĺ	Hempstead	North Hempstea	ום ן	Oyster Bay		
l l l l l l l l l l l l l l l l l l l	Suffolk County Babylon	Brookhaven		East Hampton		
· · · · ·	Huntington	Islip		Riverhead		
	Shelter Island	Smithtown		Southampton		
с. С	Southold	• • • • • • • • • • • • • • • • •	•			
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- 12					2 1 - 1	
· · ·	Marina di Parisa					
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•				and a star and a star and a star a Star a star a		
1. 13						

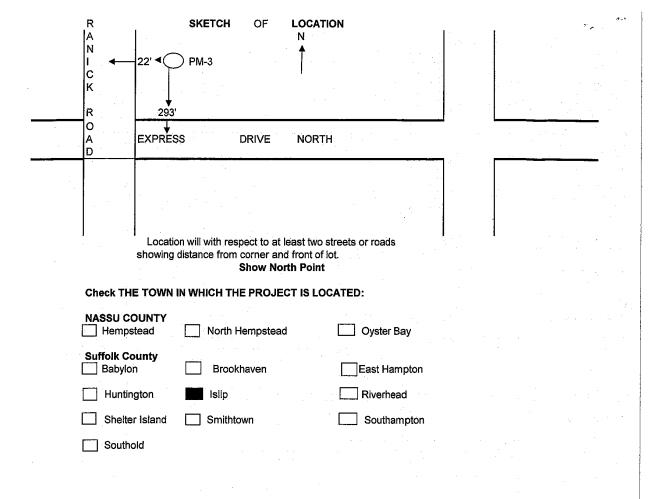
17 17

1) Community	Honnous		TION SI		MP-2	2010011	
	Happaug	ue			2)N.Y.S.		5-130073
3) Township	islip				4)Lat, Lo	ong.&Seq,#	N40.80863
5)Owner SuffolK C							W073.22871
6)Address		o Drive Eas		ippauge	<u>N.Y.</u>	·····.	
7)Completion Date o	fWell	10/8/201	0	8) Aquife	er Screened		160'-165'
9)Des. of MP				<u> </u>		· · · · · · · · · · · · · · · · · · ·	
10)Elev. of MP>					of Land Su	rface	· · ·
12) MP At			below Land	Surface	13)Diam	of Casing	2"
14) Well Depth	Profile	170'			15) Scre	ened <u>In</u> terva	1_5'
16) Type of Well	PVC				17) Dept	h to Water	96.50'
18) Use of Well	Profile			19) Quad	Irangle Nar	ne	
	N ↑			R A N I C K R O A D)MP-2 23')MP-1 5'	B U - L D - Z G
EXPRESS		DRIVE	NORTH		+	495 WEST	-
ketch By	L Velasque					,,	

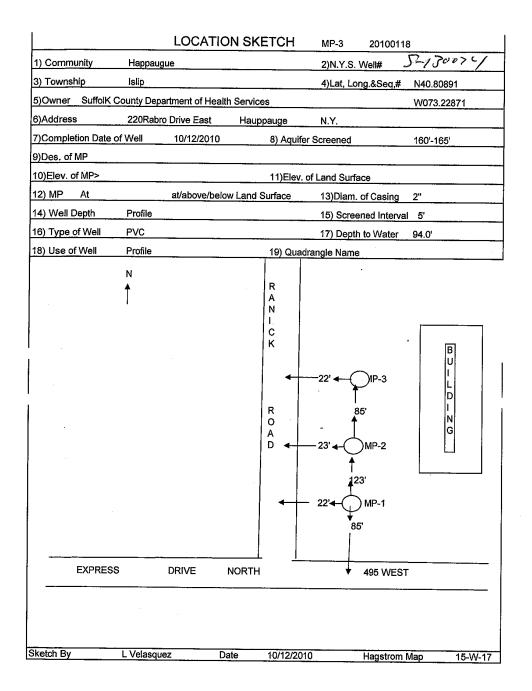
1.15		NEW TORK DEPARTIME		RUNNENTA	LUNSERVATIO	N			
County	Suffolk	MP-3		2010		Well Numbe	, S-	-130	721
	COMPL	ETION REPO	RT-LON					0071	<u> </u>
OWNER						<u> </u>	$T^{-\mathfrak{d}-13}$	0074	T
ADDRESS		ounty Departmer					Ground	Surface	
	360 Yaph	nank Ave; Suite 1	<u>C; Y</u> apha	ink, New	York 11980	,	EL.	Ft. abov	e sea
	d, Happaugue	e	Denth to G	Toundwotor F	From Surface		<u> </u>		-ft.
170'	Dolow Guildes		Deptil to G	94.0'	form Surrace			OP OF WEL	₽
Diseastan		CASING					1		
Diameter 2''	in.]	in.		in.		in.			
Length		······					1		
165' SEALING	ft.	ft.		ft.		ft.			
SEALING				ENINGS					
		SCREEN					1		
_{Make} Johnson			0	PENINGS			1		
Diameter		······································		10slot			160		
2"	in.	in.		in.		in.		<u></u>	
Length 5'	ft.	ft.		ft.		е I]		
	OP FROM TOP C	OF CASING		16.		ft.			
DATE	· · · · · · · · · · · · · · · · · · ·	PUMP TES		T OR PERM	ANENT PUMP				
DURATION O				KIMUM DISCI		· · ·	170 '		
STATIC LEVE	days	ST	hours	EL DURING	gallor MAXIMUM PUMF	is per min.	[]		
	ft.		in.	ft.		in.			
MAXIMUM DR	AWDOWN			rox. time of re	eturn level after of	pumping]	
		PUMPING INSTALLED	ft		hours	min.			
TYPE		MAKE		M	DDEL NUMBER				
MOTIVE POW									
NOTIVE POW	ER	MAKE		H.I	Р.				
Capacity				<u> </u>					
	BOWLS OR STA	g.p.m.a	gainst		ft. of discharg	je head			
VOWDER OF L	JUWLO UK SIA	1959	1		ft af	total head			
			J.		ı. QT	IULAI IIEAU	¥	<u> </u>	
							5'		
	DROP LINE						ヸ	-'e	
	·		in.			in.		e e	
ength				Length			↓	<u>n</u>	
AETHOD OF D	DRILLING		ft.	USE OF W		in.	ÍÍ		
Trotory	Cable to	ol S other	Auger	Test				s	
VORK START	ED			COMPLET				u	
10/12/2010 DATE	DRILLER			10/12/20			5'	_ m	
10/12/2010		uis Velasquez			REGISTRAT 1854			p	
		14 T							
NOTE: Show I	og of well materia	als encountered with dep	th below grou	nd surface wa	ater bearing beds		V		
Describe renair	in each casing iob.See instructi	screen pump additional p ions as to Well Driller's R	oumping test a	and other mat	ters of interest.				
	jes.coc mondou	ione as to well Dimer's R	eguiacion and	Reports.					1

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ĥ					INTAL CONSERVAD	UN		
County	Suffolk	MP-4			0100119	Well Number	517	0675
	COMPL	ETION REPO	RT-L	ONG IS	SLAND WEL	L		-130075
OWNER								OG
ADDRESS		ounty Departme					Ground Surf	ace
	360 Yaph	ank Ave; Suite 1	IC; Ya	phank, N	lew York 1198	0	EL, F	-t. above sea
						· · · · ·		
Ranick road, Depth of Well E	, Happaugue Below Surface	; 	Danil	to Grounder	ater From Surface	·		ft.
170'			Debti	91.		•		OF WELL
	······	CASING					1 T	
Diameter 2"	in.	in.		in.	1	inl		
Length				(f1.	I	in.		
165'	ft.	ft.		ft.		ft.		
SEALING				OPENINGS				
		SCREEN		1				
Make				OPENING				
Johnson Diameter				<u> 10s</u>	lot			
2"	in.	in.		in.	1	in.	160'	
Length	a				• !			
5' DEPTH TO TOP	ft. P FROM TOP C	ft.		ft.		ft.		
		PUMP TES	ST					
DATE				TEST OR P	ERMANENT PUMP			
OURATION OF	TEST	······		MAXIMUM	DISCHARGE		170'	
	days		hours		gall RING MAXIMUM PUN	ons per min.		
-	ft.		in.	LEVEL DU	RING MAXIMUM PUN			
MAXIMUM DRA				Approx. time	of return level after of	in. of pumping		
			ft		hours	min.		
YPE		PUMPING INSTALLED MAKE						
					MODEL NUMBER			
NOTIVE POWE	R	MAKE			H.P.			
Capacity								
- aprilony		0.pm:	against		ft. of disch	arga haad		
UMBER OF BO	OWLS OR STA	GES				argo noad		
					ft. c	of total head		
								- 0
	DROP LINE				SUCTION LINE		5'	
DIAMETER					ETER			-e
ength				in.	<u>.</u>	× in.		e
ongui				Lengt ft.	'n			
ETHOD OF DF	RILLING				OF WATER	in.		
] rotory VORK STARTE	cable too	ol other	Auge					s
10/13/2010	U				PLETED			u
ATE D	RILLER		_!	10/1	13/2010 REGISTRA	TION NO.	5'	m
10/13/2010	Li	uis Velasquez			185			р
NOTE: Show lor	1 of well materia	is encountered with do	oth holow	around out-			\downarrow \downarrow	
nd water levels i	in each casing s	screen pump additional	pumpina	test and othe	ce water bearing bed: r matters of interest	° T		
escribe repair jo	b.See instruction	ons as to Well Driller's F	Regulation	and Reports).		L	
nd water levels i	in each casing s	als encountered with dep screen pump additional ons as to Well Driller's F	pumping	test and othe	r matters of interest.	s	* *	

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	R	SKETCH OF	LOCATION			3`
MP-4 21	A N I→ C					
418'	к _R					
<u> </u>	O A EXPRES D	SS DRIVE	NORTH		· · ·	
		nn will with recorded to at				
	showing	on will with respect to at distance from corner ar Show No	id front of lot. orth Point	orroads		· · · · · · · · · · · · · · · · · · ·
		IN WHICH THE PROJE	CT IS LOCATE	D:		
	NASSU COUNTY	North Hempstea	d 🗌	Oyster Bay		
	Suffolk County	Brookhaven]East Hampton		
		Islip] Riverhead		
	Shelter Island	Smithtown	· <u>L</u> .] Southampton		
		· · · ·				
					· ·	a 1995 - Santa Santa 1996 - Santa Santa 1996 - Santa 1996 - Santa Santa
					e e e e e e e e e e e e e e e e e e e	

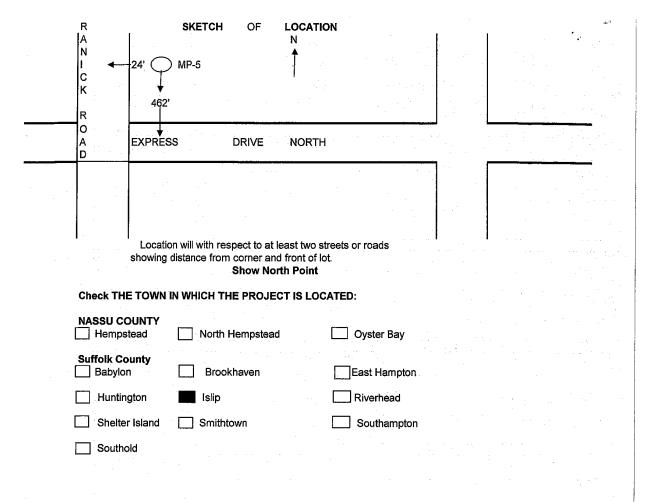
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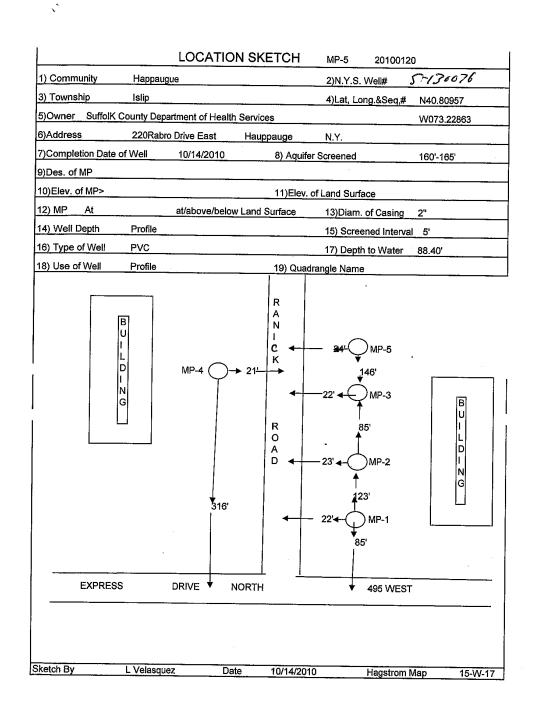
LOCATION SKETCH 20100119 MP-4 1) Community Happaugue 2)N.Y.S. Well# 5-130015 3) Township Islip 4)Lat, Long.&Seq,# N40.80919 5)Owner SuffolK County Department of Health Services W073.22877 6)Address 220Rabro Drive East N.Y. Hauppauge 7)Completion Date of Well 10/13/2010 8) Aquifer Screened 160'-165' 9)Des. of MP 10)Elev. of MP> 11)Elev. of Land Surface 12) MP At at/above/below Land Surface 13)Diam. of Casing 2" 14) Well Depth Profile 15) Screened Interval 5' 16) Type of Well PVC 17) Depth to Water 91.50' 18) Use of Well Profile 19) Quadrangle Name R AN B U I Т . С К L D MP-4 21 . N G MP-3 22 B U R O 85 D А D 23')MP-2 lG 23 4791 22 MP-1 85' DRIVE ¥ EXPRESS ¥ NORTH 495 WEST L Velasquez Sketch By Date 10/13/2010 Hagstrom Map 15-W-17

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5-a-	ı					JUNGERVATIO	N			
County S	uffolk	MP-5			201001	20	Well Numbe	مر	13007	6
· · · · · · · · · · · · · · · · · · ·		ETION REPO	RT-L						S-13007	
OWNER		······				7.2			LOG	0
S	uffolk Co	ounty Departme	<u>nt of H</u>	ealtl	n Service	S		Ground	Surface	
ADDRESS 20	60 Vanh	onk Ave. Suite d	0. V-			(
LOCATION OF W	eurapha Ell	ank Ave; Suite 1	ic, ra	onar	IK, NEW Y	OFK 11980		_ EL	Ft. abov	e sea
Ranick road, H								· _		4
Depth of Well Belo			Depth	to Gr	oundwater Fro	m Surface		Т	OP OF WEL	<u>1.</u>
170'					88.40'			•	A	Ē
Diameter		CASING	·							
2" in.		in.			in.		in.l			İ .
Length	1	<u></u>						1		
165' ft.	.	ft.			ft.		ft.			
SEALING				OPE	NINGS			1		
		SCREEN						4		
Make				OP	ENINGS			1		
Johnson					10slot					
Diameter 2" in	1	in			in I			16	i0'	
Z III. Length	• [in.[in.	· · · · · · · · · · · · · · · · · · ·	in.	┨╎└─	┯ ┛╢	
5' ft.		ft.			ft.		ft.			
DEPTH TO TOP F	ROM TOP O	FCASING		1		······		1		
			· ·							
DATE		PUMP TES	51	TEST	OR PERMAN					
			i							
DURATION OF TE					MUM DISCHA			170'		
STATIC LEVEL PR	days	· ····································	hours			galio IAXIMUM PUMI	ns per min.			
	ft.	,,	in.	LEVI			in.			
MAXIMUM DRAWE				Appro		rn level after of	un. pumpina			
			ft.			hours	min.			
								1		
TYPE		MAKE			MOE	EL NUMBER				
MOTIVE POWER		MAKE			——					
					п. г .					
Capacity						- <u></u>				
		g.p.m.a	against			ft. of dischar	ge head			
NUMBER OF BOW	LS OR STAC	GES	ı							
			<u> </u>			ft. of	total head		<u> </u>	
									└_+e	1
	OP LINE			·				5'	┍╾╹┤──┍╴╌╴╎	
DIAMETER					DIAMETER				e	
_ength				in.	L		in.		e	
-ongui				#	Length				, n	
METHOD OF DRILL	ING	·· ····		ft.	USE OF WA	TER	in.	1		
rotory	cable too	l other	Auger	•	Test				s	
NORK STARTED					COMPLETE				_ u	
10/14/2010 Date DRII					10/14/201			5		
10/14/2010		is Velasquez				REGISTRAT 1854			p	
		<u> </u>								
NOTE: Show log of	well materia	is encountered with dep	oth below g	groun	d surface wate	r bearing beds		<u> </u>	<u>′</u>	
and water levels in e	each casing s	creen pump additional	pumping t	est ar	d other matte	rs of interest.				
Jescribe repair job.S	See instructio	ons as to Well Driller's F	Regulation	and F	Reports.				L	



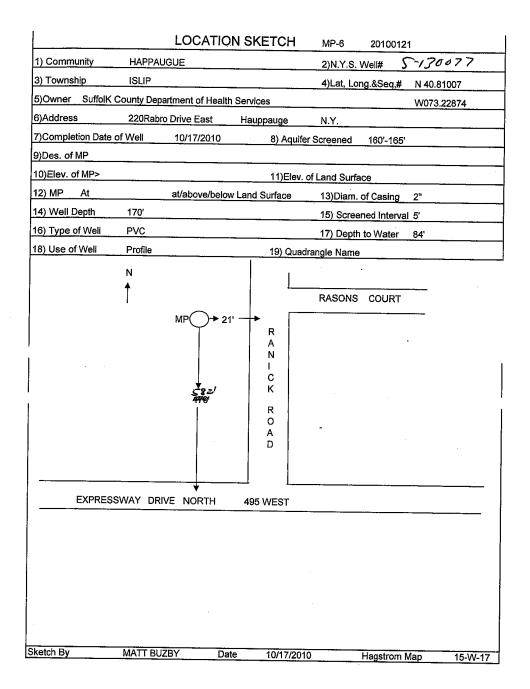
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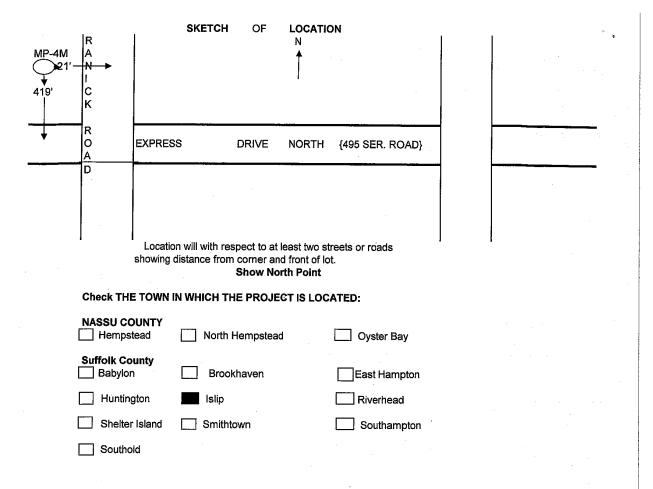
ι. Έγε	I	NEW YORK DEPARIME	ENT OF I	ENVIRO	NMENI	AL CONSERVATION	I				
County	Suffolk		MP-6			00121	Well Numbe	ر	-17	oo 7	7
	COMPL	ETION REPO	RT-L	ONG	ISL	AND WELL				0077	
OWNER		······						T		DG	·
ADDRESS		ounty Departmer						Groun	d Surfa	ace	
ADDRESS	360 Yanh	ank Ave; Suite 1	C·Ya	nhanl	r Niow	w Vork 11080			-		
LOCATION OF	WELL	differ two, outle 1	<u>0, 1</u> a	phan	<u>, ne</u>	V TOIK TIBOU			F	t. abov	e sea
	DAD, HAPPA	UGUE		•			1949 - B. B. B. B. B. B. B. B. B. B. B. B. B.	· .			ft.
Depth of Well E	3elow Surface			n to Grou	undwate	r From Surface			TOP C	F WEL	Ļ
170'		CASING	84'		-				Ť		
Diameter											
2"	in.	in.			in.		in.		1		
Length 165'	ft.	ft.			њ I		4				ĺ
SEALING				OPEN	ft. INGS		ft.	-			
Maka		SCREEN					е	1			1
^{Make} Johnson					NINGS 10slo	st.					
Diameter					TUSIC	λ		1	60'		
2"	in.	in.			in.		in.	Ľ	<u> </u>		•
Length 5'	ft.	ft. I			ft.		4				
	P FROM TOP C			1	п.		ft.				
						1 b ₁₂ - 8	<u></u>				
DATE		PUMP TES	т	TEOT							
				1551		MANENT PUMP				3	
DURATION OF	TEST	·		MAXIN	UM DIS	CHARGE		170'	1		
	days PRIOR TO TES	от	hours			gallon: IG MAXIMUM PUMPI	s per min.		1 1		
STATIC LEVEL	ft. i	51	in.		DURIN	ig Maximum Pumpi ft.					
MAXIMUM DRA				Approx	, time of	return level after of p	in. umping				
-			ft.			hours	min.				
TYPE		PUMPING INSTALLED									
TPE		MAKE				MODEL NUMBER					
MOTIVE POWE	R	MAKE				H.P.					
Capacity							·				
UMBER OF B	OWLS OR STA	g.p.m.a	igainst			ft. of discharg	e head				
		· ·				ft. of t	otal hea		11	_	
									\uparrow	- <u>s</u>	
								E	₅⊢₁‡		
DIAMETER	DROP LINE				DIAME	SUCTION LINE			┯╝	_e_	
				in.			in.		+	e	
ength					Length				↓ †	<u> </u>	
				ft.			in.				
rotory		oi S other	AUG	FR	Test	FWATER					
VORK STARTE	:D		<u></u>		COMP	LETED				S	
10/17/2010			10/17	7/2010				5	5	u m	
DATE [10/17/2010	DRILLER	uie Velgenuoz				REGISTRATIO	ON NO.			p	
10/17/2010		uis Velasquez				1854				r	
NOTE: Show lo	g of well materia	als encountered with dep	th below	ground	surface	water bearing beds		¥	▲		
nd water levels	in each casing a	screen pump additional	pumping	test and	other m	atters of interest.					
escribe repair j	ob.See instruction	ons as to Well Driller's R	tegulatior	n and Re	ports.		. 1		Ŀ		

		SKETCH	OF LOCATI N ↑	MP-6 🤇)21'	R► A N I C K		
· ·	EXF	PRESSWAY	DRIVE NORT	H 495 WE	ST.	R O A		
						D		
	sho		ner and front of I ow North Point	ot.				
		WN IN WHICH THE P	ROJECT IS LOO	CATED:				
	NASSU COUN Hempstead		pstead	Oyster E	Bay		e e	
	Suffolk County	/	'en'	East Har	npton			
	Huntington	Islip		Riverhe	ad			
	Shelter Isla	nd 🔄 Smithtown		Southa	mpton			•
	Southold							
	· · · · ·	:					•	

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4	N	IEW YORK DEPARTM	ENT OF ENVIRG	ONMENT	AL CONSERVATIO						11149950
County	Suffolk	MP-4M	2011000	1		Well Numbe	, <	ら_ だ	70339		
		ETION REPO		-		AACU MAULING	"4				-
OWNER						• 			LOG	_	1
	Suffolk Co	unty Departme	nt of Health	Serv	ices		Gro	und Su			1
ADDRESS							1‴				
	360 Yapha	ank Ave; Suite 1	C; Yaphan	k, Ne	w York 11980	l <u> </u>	EL.		_Ft. above	sea	
	d,Happaugue								-		1
	Below Surface		Depth to Gro	undwate	er From Surface		+	TOF	OF WELL	[
110'				92.20			1		TT		
Diameter		CASING					1				·. ··
Diameter 2"	in.l	in.		ín.		in.					
Length				<u>u.</u>		161.	-		<u> </u> -2'	ן ר	
105'	ft.	ft.		ft.		ft.			Cement		
SEALING			OPEN	NINGS				ľ		-	
		SCREEN	I				-				
Make	· · · · · · · · · · · · · · · · · · ·	- Wittenhall	OPE	NINGS			1				
Johnson			1	10slo	t						
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Length				<i>a</i> 1.			-	`	-	1	
5'	ft.	ft.		ft.		ft.					
DEPTH TO T	OP FROM TOP O	FCASING				,	1		2'-5' Bente		
		PUMP TES	 Sт		-			ľ	nite (pelle	ts	
DATE	·····			OR PER	RMANENT PUMP						
		·	· .								
DURATION C					SCHARGE		110), ,			
STATIC LEVE	days EL PRIOR TO TES	т.	hours LEVE	EL DURI	gallo NG MAXIMUM PUM	PING	\Box				
	ft.		in.		ft.	in.					
Maximum di	RAWDOWN			x. time c	f return level after of	fpumping	1				
		PUMPING INSTALLED	<u>ft.</u>		hours	min.					
TYPE	•	MAKE			MODEL NUMBER				'-110'		
								G	Gravel pa	^{ck}	
MOTIVE POV	VER	MAKE			H.P.		1	_			
Capacity											
Capacity		anm	against		ft. of discha	rae bood					
NUMBER OF	BOWLS OR STAC		ugunist			ige neau					
					ft. o	f total head		↓ J		- 1	
								T			
	DROP LINE		<u> </u>	r	0110710111117			5'	╟┈┲┈║		
DIAMETER	DROP LINE			DIAME	SUCTION LINE			5			
			in.			in.			e		
Length				Length				. ↓	n		
METHOD OF	DRILLING		ft.	LIGE OF		in.		Ē			
	Cable too	l d other	Auger	Test	WATER						
WORK STAR	TED			COMPL	ETED		1		s u		
1/5/2011			1/5/2011					5'	7 m		
DATE 1/5/2011	DRILLER	is Velasquez		_	REGISTRA			<u>ь</u> т	- p	l	
113/201	' LU	as velasquez			185	4					
		Is encountered with de					↓ ▼				
and water leve	els in each casing s	creen pump additional	pumping test ar	d other			I				
Describe repai	ir job.See instructio	ons as to Well Driller's	Regulation and F	Reports.		· · · · · · · · · · · · · · · · · · ·					



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LOCAT	NON SK	ETCH	MP-4M 2011000	1 5-130339
1) Community Happaugue			2)N.Y.S. Well#	N40.809208
3) Township Islip			4)Lat, Long.&Seq,#	w073.228750
5)Owner SuffolK County Department of He	ealth Service	əs		
6)Address 220Rabro Drive East	Haup	pauge	N.Y.	•
7)Completion Date of Well 1/5/201	1	8) Aquifer	Screened	100'-105'
9)Des. of MP				
10)Elev. of MP>		11)Elev. c	of Land Surface	
2) MP At at/above/b	elow Land S	Surface	13)Diam. of Casing	2"
14) Well Depth 110			15) Screened Interva	al 5'
16) Type of Well PVC			17) Depth to Water	92.20'
18) Use of Well Test		19) Quadi	rangle Name	
$ \begin{array}{c} $	RANICK ROAD	RASON	COURT	
¥ EXPRESS <u>DRIVE</u>	NORTH	[495 WES	SERVICE ROADI	
ketch By L Velasquez	Date	1/5/2011	Hagstrom	N

MPEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION Maggin Colspan County Suffork Maggin Colspan COMPLETION REPORT-LONG ISLAND WELL COMPLETION REPORT-LONG ISLAND WELL COMPLETION REPORT-LONG ISLAND WELL COMPLETION REPORT-LONG SILAND WELL COMPLETION REPORT-LONG SILAND WELL COMPLETION REPORT-LONG SILAND WELL COMMENTION Colspan="2">Constant Ave: Suite of Health Services COMPLETION REPORT-LONG SILAND WELL COMPLETION PREEDED Constant Ave: Suite of Elevationation From Suiface COMPLETION PREEDED Constant Report of Colspan="2">Constant Report of Colspan	, *		NEW YORK DEPART	MENT OF ENVIRON	MENTAL (CONSERVATION				Maggio
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Uod Count Surface Count Surface Count Surface Statistics Statistics Statistics Statistics Statistics Statistics Statistics Count Surface Statistics Statistics Count Surface Statistics Statistics Count Surface Statistics Statis Statistics Statistics Statistics Statistics Statis					ISLAN		-			
ADDRESS 360 Yaphank Ave; Suite 1C; Yaphank, New York 11980 El	OWNER						I	LC	G	7
360 Yaphank Ave; Suite 1C; Yaphank, New York 11980 ELP. above sea CocRTINGOR WELL	ADODESS	Suffolk Co	ounty Departme	ent of Health	Service	<u>s</u>		Ground Surfa	ce	
COCATION OF WELL manick read Happaugue	ADDRESS	360 Yanh	ank Ave [,] Suite	1C: Yanhank		ork 11980	1	-		
Depth to Groundwater Frem Surface TOP OF WELL 120 CASING Diameter 92.20' Carpito In. Length In. 115 ft 15 ft 16 ft. 170 OPENINGS Johnson 10slot Dameter 10slot 2" in. 16 ft. 170 ft. 186 SCREEN OPENINGS Johnson 10slot Dameter 10slot 2" in. 110 ft. 110 ft. 2" in. 110 in. 120 ft. 2" ft. 2" ft. 110 ft. 2" ft. 110 ft. 110 ft. 2" ft. 2" ft. 2" ft. 2" ft. 2" ft. 2" ft. 110 ft. 2" ft. 120 ft. 2" ft. 2"	LOCATION C	OF WELL			, 1101/1	01111300			. above sea	4
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2" in.] in.] in.] in.] Langth ft.] ft.] ft.] ft.] 115" ft.] ft.] ft.] ft.] SEALING OPENINGS Make SCREEN Make SCREEN Make SCREEN Demarker 10slot Dimmeder 10.] Length ft.] ft.] Carget ft.] ft.] Depth to top FROM TOP OF CASING 110" DATE PUMP TEST DATE PUMP TEST DATE MAXIMUM DISCHARGE Gauge hours STATIC LEVEL PRIOR TO PEST LEVEL DURING MAXIMUM PUMPING NAXIMUM DRAWDOWN Approx.time of return level after of pumping MAXIMUM DRAWDOWN Approx.time of return level after of pumping MOTIVE POWER MAKE MOTIVE POWER MAKE NUMBER OF BOWLS OR STAGES ft. of discharge head NUMBER OF BOWLS OR STAGES 0ther Auger Test NUMBER OF BOWLS OR STAGES 0ther Auger Test NOTICE DEVILING 1/0/2011 NUME Constrained and bencountered with depth below ground surface water bealing beds <	120		CASING	1	92.20			Î I		
Targin min min min min min 115 ft ft ft ft ft SEALING OPENINGS OPENINGS Cament SEALING SCREEN OPENINGS In Johnson 10slot 10slot Demeter in in in Jagih ft ft ft ft Length ft ft ft ft Demeter in in in in Jagih ft ft ft ft Demeter min ft ft in Date PUMP TEST MAXIMUM DISCHARGE ft DATE PUMP TeST MAXIMUM POMPING ft STATIC LEVEL PRIOR TO TEST Incerted ages ft ft AXIMUM DRAWDOWN ft ft in. ft TYPE MAKE MODEL NUMBER Gravel pack ft MOTIVE POWER MAKE H.P. in. ft Capacity g.p.m.against ft. of discharge head ft NUMBER OF BOWLS OR STAGES in. in. in. Irolopy CoMPLETED in. ft <			· · ·		. 1		1			
115° ft.			in.		in.	in.	:		<u>_</u>	
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Nake [PPENINGS 106/00 1		····	SCREEN		· · · ·					
Diameter 2" in. in. in. in. in. in. in. in. in. in.				OPEN	IINGS					
2" in. in				I	10slot	· · · · · · · · · · · ·				
Length 5' ft. ft. ft. ft. ft. ft. ft. 2'-5' Bento PUMP TEST PUMP TEST DATE TEST OR PERMANENT PUMP DURATION OF TEST NAXIMUM DISCHARGE DURATION OF TEST NAXIMUM DISCHARGE 120' 1 3TATIC LEVEL PRIOR TO TEST NAXIMUM DISCHARGE 120' 1 TOTEST NAXIMUM DRAVIDUMPING 120' 1 120' 1		in.	in.		in.	in.	1	110'		
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days hours gallons per min. STATIC LEVEL PRIOR TO TEST LEVEL DURING MAXIMUM PMPING ft in. ft. MAXIMUM DRAWDOWN Approx. time of return level after of pumping TYPE MAKE MOTIVE POWER MAKE MAKE MODEL NUMBER Gravel pack Gravel pack MOTIVE POWER MAKE MOTIVE POWER MAKE Image: Complexity g.p.m.against ft. of discharge head ft. of discharge head NUMBER OF BOWLS OR STAGES ft. of discharge head Image: Complexity g.p.m.against ft. Image: Complexity DIAMETER DIAMETER Index Image: Complexity MOTIVE POWER Image: Complexity MOTIVE POWER MAKE Image: Complexity g.p.m.against ft. of discharge head ft. of discharge head NUMBER OF BOWLS OR STAGES Image: Complexity Image: Complexity g.p.m.against ft. Image: Complexity Image: Complexity g.p.m.against Image: Complexity g.p.m.against Image: Complexity g.p.m.against Image: Complexity g.p.m.against Image: Complexity <td>DATE</td> <td></td> <td></td> <td>1231 0</td> <td>R PERMA</td> <td>NENT POMP</td> <td></td> <td></td> <td></td> <td></td>	DATE			1231 0	R PERMA	NENT POMP				
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ft. in. ft. in. MAXIMUM DRAWDOWN Approx. time of return level after of pumping in. ft. hours ft. TYPE MAKE MODEL NUMBER 5'-120' Gravel pack MOTIVE POWER MAKE H.P. Gravel pack Gravel pack MOTIVE POWER MAKE H.P. Gravel pack Gravel pack NUMBER OF BOWLS OR STAGES ft. of discharge head Gravel pack Gravel pack DIAMETER In. in. Gravel pack Gravel pack DIAMETER In. In. Gravel pack Gravel pack METHOD OF DRILLING In. In. In. Gravel pack METHOD OF DRILLING Length in. In. Gravel pack METHOD OF DRILLING COMPLETED In. In. In. 1/6/2011 1/6/2011 In. In. In. DATE DRILLER Luis Velasquez REGISTRATION NO. S U 1/6/2011 Luis Velasquez REGISTRATION NO. In. F m TYOTE: Show log of well materials enco	STATIC LEVE	days EL PRIOR TO TES	ST		DURING	gallons pe AXIMUM PUMPING	er min.	<u> </u>		
PUMPING INSTALLED Nours min. TYPE MAKE MODEL NUMBER MOTIVE POWER MAKE H.P. Capacity g.p.m.against ft. of discharge head NUMBER OF BOWLS OR STAGES ft. of discharge head NUMBER OF BOWLS OR STAGES ft. of total head DROP LINE SUCTION LINE DIAMETER in. Length in. t Length t USE OF WATER 1/6/2011 1/6/2011 DATE DROP LINE DROP LINE Other Auger Test WORK STARTED COMPLETED 1/6/2011 1/6/2011 DATE DRILLER I/6/2011 Luis Velasquez *NOTE: Show log of well materials encountered with depth below ground surface water bearing beds and water levels in each casing screen pump additional pumping test and other matters of interest.										
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MOTIVE POWER MAKE Capacity g.p.m.against ft. of discharge head NUMBER OF BOWLS OR STAGES Image: DROP LINE DROP LINE DIAME TER In. Length Image: Drop Drop Diversion Image: Drop Drop Drop Drop Drop Drop Drop Drop	TYPE		MAKE		MO	DEL NUMBER			-	
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g.p.m.against ft. of discharge head NUMBER OF BOWLS OR STAGES ft. of total head ft. of total head s ft. of total head s DROP LINE SUCTION LINE DIAMETER DIAMETER in. Length METHOD OF DRILLING USE OF WATER I rotory Icable tool J/6/2011 1/6/2011 DATE 1/6/2011 1/6/2011 1/6/2011 NOTE: Show log of well materials encountered with depth below ground surface water bearing beds and water levels in each casing screen pump additional pumping test and other matters of interest.	MOTIVE POW		WARE		H.P.					
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Image: display black blac		ROWI S OR STA		n.against		ft. of discharge he	ead			
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DIAMETER DIAMETER in. in. Length Length METHOD OF DRILLING USE OF WATER rotory Cable tool In. USE OF WATER rotory Cable tool In. USE OF WATER In. In. In. USE OF WATER In. In. In. USE OF WATER In. USE OF WATER In. In. In. USE OF WATER In. In. In. In.<		BBOB LINE						5'		
Length t. Length in. In. In. In. In. In. In. In. In. In. I	DIAMETER	DROP LINE							-e	
ft. in. METHOD OF DRILLING USE OF WATER rotory							in.			
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1/6/2011 1/6/2011 u DATE DRILLER REGISTRATION NO. 1/6/2011 Luis Velasquez 1854 *NOTE: Show log of well materials encountered with depth below ground surface water bearing beds and water levels in each casing screen pump additional pumping test and other matters of interest. u			ol other						s	1
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*NOTE: Show log of well materials encountered with depth below ground surface water bearing beds and water levels in each casing screen pump additional pumping test and other matters of interest.	DATE	DRILLER		1/0/2011			NO.			
and water levels in each casing screen pump additional pumping test and other matters of interest.	1/6/2011	L	uis Velasquez						p	
and water levels in each casing screen pump additional pumping test and other matters of interest.	*NOTE: Show	log of well materia	als encountered with d	epth below around	surface wet	er bearing beds	<u>[</u>	↓ ↓		
	and water leve	Is in each casing	screen pump addition	al pumping test and	other matte	ers of interest.				
								L	1	

MP-4MA A →21' N→ 419' C K	SKETCH OF LOCATIO	N	•
▼ R O A	EXPRESS DRIVE NORTH	{495 SER. ROAD}	
D	Location will with respect to at least two str showing distance from corner and front of lot		
Check	Show North Point		
	COUNTY	Oyster Bay	
Suffolk	County /lon Brookhaven	East Hampton	
	itington 🖬 Islip Iter Island 🗌 Smithtown	Riverhead Southampton	
Sou	thold		

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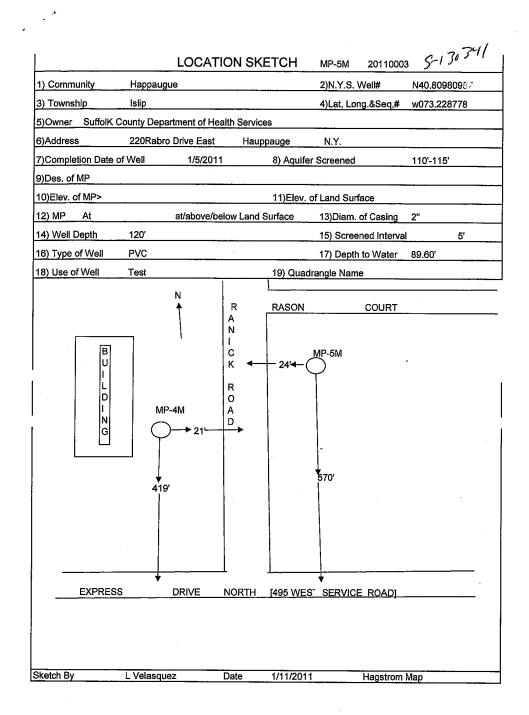
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l	LOCATION	ISKETCH	MP-4MA 20110002	2 5-130340
1) Community Hap	paugue		2)N.Y.S. Well#	N40.809152
3) Township Islip	· · · · · · · · · · · · · · · · · · ·		4)Lat, Long.&Seq,#	w073.228778
	Department of Health \$	Services	, <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u> , <u></u>	
	Rabro Drive East	Hauppauge	N.Y.	
7)Completion Date of Well	1/6/2011	8) Aquife	er Screened	110'-115'
9)Des. of MP				
10)Elev. of MP>		11)Elev.	of Land Surface	
12) MP At	at/above/below	Land Surface	13)Diam. of Casing	2"
14) Well Depth 120'			15) Screened Interva	5'
16) Type of Well PVC			17) Depth to Water	92.20'
18) Use of Well Test		19) Qua	drangle Name	
B U L D i N G	MP-4M $MP-4M$ $MP-4MA$ $MP-4MA$ $MP-4MA$ $MP-4MA$ $MP-4MA$ $MP-4MA$ $MP-4MA$ $MP-4MA$ $MP-4MA$	RASON	COURT	•
EXPRESS		RTH [495 WE	S' SERVICE ROAD]	
Sketch By L Vel	asquez Date	ə 1/6/201	1 Hagstrom	Man

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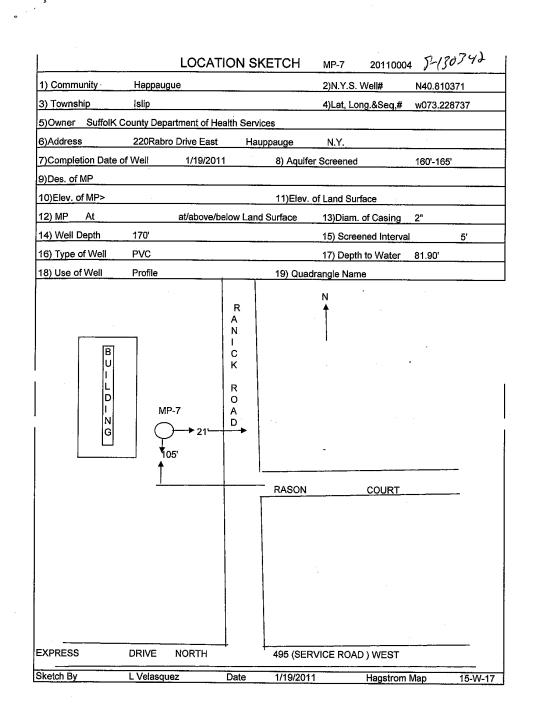
	NEW YORK DEPARTI	IENT OF ENVIRONMEN	TAL CONSERVAT	TON			Maggro
County	Suffolk MP-5M	20110003		Well Numbe	. 5-	130341	
••••••••••••••••••••••••••••••••••••••	COMPLETION REPO						-
OWNER					1	LOG	-
	Suffolk County Departme	ent of Health Ser	vices		Ground	Surface	
ADDRESS	260 Venhank Ave: Suite	1C: Vonhank N	Norte 1400				
LOCATION O	360 Yaphank Ave; Suite	TC, Taphank, Ne	ew fork 1198	30	EL.	Ft. above sea	4.
Ranick road	d ,Happaugue					ft.	
	Below Surface	Depth to Groundwa			T	OP OF WELL	1
120'	CASING	89.6	i0'	· · · · ·		T	
Diameter				·			
2" Length	in. in.	in.	· · · · · · · · · · · · · · · · · · ·	in.			
115'	ft. ft.	ft.		ft.		0-2' Cement	
SEALING		OPENINGS					
	SCREEN				4		
Make	UNICEN	OPENING	s .		1		
Johnson Diameter		10sl	ot				
2"	in. in.	in.		in.	11	0.	
Length	a) a)	e. 1		· · · ·			
5' DEPTH TO TO	ft. ft. DP FROM TOP OF CASING	ft.		ft.		2'-5' Bento	
			-	1. S. S. S. S.		nite (pellets	
DATE	PUMP TE		ERMANENT PUMP				
							1
DURATION O		MAXIMUM D			120' '		
STATIC LEVE	days L PRIOR TO TEST	hours	ga NG MAXIMUM PU	allons per min. JMPING			-
	<u>ft.</u>	in.	ft.	in.			
MAXIMUM DR	AWDOWN		of return level after				
	PUMPING INSTALLE	ft.	hours	min.			
TYPE	MAKE		MODEL NUMBER	R		5'-110' Gravel pack	
MOTIVE POW	ER MAKE					Clavel pack	
MORVEFON			H.P.				
Capacity			J				
NUMBER OF I	g.p.m BOWLS OR STAGES	against	ft. of disc	harge head			
			ft.	of total head	,		
·	DROP LINE		SUCTION LINE	· · · · · · · · · · · · · · · · · · ·	5		
DIAMETER		DIAM				┌─¦───┤	
L onoth	· · · · · · · · · · · · · · · · · · ·	in.		in.		e	
Length		ft.	n	in.			
METHOD OF I		USE C	OF WATER				
Crotory WORK START	Cable tool cther	Auger Test	PLETED			s	
1/11/2011		1/11/2011			5	u u	
DATE	DRILLER	•		RATION NO.	ΙĽ		
1/11/2011	Luis Velasquez		18	354			
*NOTE: Show I	log of well materials encountered with d	epth below ground surface	ce water bearing be	ds -	¥		
and water level	s in each casing screen pump additiona	I pumping test and other	r matters of interest				
Describe repair	job.See instructions as to Well Driller's	Regulation and Reports	•				

	R		SKETCH	OF	LOCATION N	N	I	I	. Ku	
	A N	MP-5	N)		Î					
	с к	570'							•	
	R O A	EXPRESS	3	DRIVE	NORTH	{495 SER. ROAD}				
	D		2.00			····				
						· · · · · · ·		·		н 1914 191
	,			n corner an	least two st d front of lo rth Point	reets or roads t.		•		
	Check TH	E TOWN IN	WHICH T	HE PROJE	CT IS LOC	ATED:				
·	NASSU CO		North	Hempstea	d	Oyster Bay		• 		
	Suffolk Co		Broc	khaven	· .	East Hampton	•			
	Hunting	gton	Islip			Riverhead				
	Shelter	Island	C Smith	town		Southampton				
	Southo	ld	•							



*	Ν	IEW YORK DEPARTME	ENT OF EN	VIRONMEN	TAL CONSERVATION				Maggio
County	Suffolk	MP-7	2011	10004		Well Number	8-1.	70342	
	COMPLI	ETION REPO	RT-LO	NG ISI	LAND WELL				
OWNER	Suffolk Co	unty Departmen	nt of He	alth Son	lices			LOG	
ADDRESS							Ground Su	ITACE	
LOCATION O	360 Yapha	ank Ave; Suite 1	<u>C; Yapł</u>	hank, Ne	w York 11980		EL	_Ft. above se	a
Ranick road	d ,Happaugue							ft.	
Depth of Well 170'	Below Surface		Depth to	o Groundwat 81.1	er From Surface			OF WELL	_
		CASING		01.1			 Î		· · · ·
Diameter 2"	in.l	in.		in.		in.			
Length 165'	ft.	ft.						L <u>L</u>	
SEALING	14.1	IL [0	ft. DPENINGS		ft.			
<u>.</u>		SCREEN			·				
Make		JUNEEN		OPENINGS					
Johnson Diameter				<u>10slo</u>	ot		160'		
2" Length	in.	in.		in.	· · · · · · · · · · · · · · · · · · ·	in.			
5'	ft.	ft.		ft.		ft.			
DEPTH TO TO	OP FROM TOP O	FCASING			·····	,			7
		PUMP TES	т				-	<u> </u>	
DATE			Т	EST OR PE	RMANENT PUMP				\$
DURATION O		-		AXIMUM D	SCHARGE		170' '		
STATIC LEVE	days	Ŧ	hours	EVEL DUR	gallon: ING MAXIMUM PUMPI	s per min. NG			
MAXIMUM DR	ft.		in.		ft.	in.			
			ft.	pprox. time	of return level after of p hours	umping min,			
ТҮРЕ		PUMPING INSTALLED MAKE			1				7
		MARE			MODEL NUMBER				
MOTIVE POW	/ER	MAKE			H.P.				-
Capacity		· · · · · · · · · · · ·							
NUMBEROEI	BOWLS OR STAC	g.p.m.a	gainst		ft. of discharg	e head			
					ft. of t	otal head			
	DROP LINE				SUCTION LINE		5'	<u>}</u> }-┏	
DIAMETER				DIAME	TER	in		e	
Length				Length	· · · · · · · · · · · · · · · · · · ·	in,		n	
METHOD OF I	DRILLING		fi		FWATER	in.			
rotory WORK START	Cable too	l other	Auger	Test				s	
1/19/2011	20		1/19/2		LETED		5		
DATE	DRILLER				REGISTRATI	ON NO.	Ľ	m p	
1/19/2011		is Velasquez			1854				
		is encountered with dep				-		+	
Describe repair	is in each casing s i job.See instructio	creen pump additional points as to Well Driller's R	pumping te: legulation a	st and other and Reports.	matters of interest.				

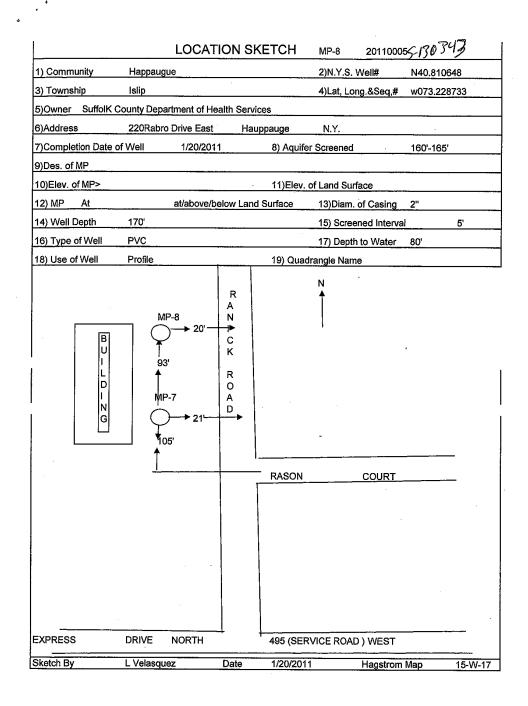
	R]	SKETCH	OF	LOCATI N	ON		1			
MP-7 ▶14'	A − <mark>N →</mark> 1				Ť			-			
105'	с к						· ·				
+	R O A	RAMSON		COURT	· · · · .		- -		<u> </u>	 	_
	D			··· ·						•	
		Locatio showing o	n will with res listance from	corner and	d front of lo	treets or road ot.	s				. •
	Check THI	E TOWN I	N WHICH TH	Show Nor		ATED:					
	NASSU CO		North	Hempstead	1	Oyster	Bay				
	Suffolk Co		Brool	khaven		East Ha	ampton				
	Huntin	gton	Islip		. ,	Riverh	ead				
	Shelter	r Island	Smitht	own		South	ampton	÷			
	Southc	oid .									



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		NEW YORK DEPART	MENT OF ENVIR	RONMEN	ITAL CONSERVATION						mag	910
County,	Suffolk	MP-8	201100	05		Well Numb	~ <	5-15	20 34	3	~ `	nd.
•		ETION REPO					e				- '	
OWNER									LOG	-	1 .	
	Suffolk C	ounty Departme	ent of Healt	h Ser	vices		Gro	ound Su	Irface			
ADDRESS			40. V			•	-				ļ	
LOCATION	360 Yapr	ank Ave; Suite	1C; Yapha	nk, Ne	ew York 11980)	EL.		_Ft. above	e sea		
	ad Happaugu	Э								.4		
	II Below Surface		Depth to G	roundwa	ter From Surface		+	TOP	OF WEL	L.	1	
170'				81.1	0'					Г		
Diameter		CASING										
2"	in.	in.		in.l		in.						
Length		- 1								<u>'</u> 1		
165'	ft.	ft.		ft.	·	ft	-1	_				
SEALING				ENINGS							1	
		SCREEN	1				-				1	
Make			OF	PENINGS		· · · ·	7					
Johnson Diameter	· · · · · ·			10sl	ot		-		-1			
2"	in.	in.		in.		in.		160'				
Length	a 1											
5' DEPTH TO T	ft.	ft.		ft.		ft.	_	r.				
			4									
		PUMP TI						Ľ	· · · · · · · · · · · · · · · · · · ·	rl		
DATE			TES	T OR PE	RMANENT PUMP				- 1 A			
DURATION (OF TEST		MAX	MUM D	ISCHARGE	· · · · · · · · · · · · · · · · · · ·	170			1.1		
	days		hours		gali	ons per min.			-			
STATIC LEV		ST		/EL DUR								
MAXIMUM D	ft. RAWDOWN		in.	ox time	ft. of return level after o	in.						
			ft.		hours	min.						
		PUMPING INSTALLE	D		······					ا ــــــــــــــــــــــــــــــــــــ		
TYPE		MAKE			MODEL NUMBER						I	
MOTIVE POV	VER	MAKE			H.P.		-]	1	
Capacity					· · · · · · · · · · · · · · · · · · ·							
	BOWLS OR STA		n.against		ft. of discha	arge head	4					
	BOWES ON STA		I		# ,	of total head		Ţ				
								Ť	<u>s</u>			
								5'				
DIAMETER	DROP LINE			DIAM	SUCTION LINE			Ľ,	┚ <mark>⊢</mark> ╺			
			in.			in.			e			
Length		······································		Length	1		1	Ļ	n			
METHOD OF			ft.			in.		Ť		Í		
rotory	CRILLING	oi other	Auger	Test	OF WATER							
WORK STAR					LETED		-		s u			
1/20/201			1/20/201		· .			5'				
DATE		uis Velasquez			REGISTRA			L-T-	J p			
	<u>' </u>	uis veidayuez			185	94						
*NOTE: Show	log of well materi	als encountered with d	epth below grou	nd surfac	e water bearing bed	s	┨┈┸	•				
and water leve	els in each casing	screen pump additiona	al pumping test a	and other	matters of interest.							
Describe repa	ir job.See instruct	ions as to Well Driller's	Regulation and	Reports					·	1		

		1	SKETC	H OF	LOCATI	ON						
MP-8 →20" -	R A N►				N ↑		•				*	'v
198'	СК										⁸⁶ .	
•	R O A	RAMSON		COURT	,			-		· · ·		
	D			- -							<u> </u>	
						* <u>.</u>						
		Location showing o	n will with i listance fro	respect to at om corner ar Show No	least two s nd front of le orth Point	streets or ro ot.	bads	•	•			
	Check THE	E TOWN II	WHICH	THE PROJE	CT IS LOO	CATED:						
	NASSU CO		Nort	h Hempstea	d	Cys	ster Bay					
	Suffolk Co		Bro	okhaven		Eas	t Hampton			·.·		
	Hunting	gton	Islip) .		Riv	erhead					
	Shelter	Island	Smit	thtown		🗌 So	uthampton					
	Southo	ld										



		NEW YORK DEPARTM	ENT OF E	NVIRONMEN	TAL CONSERVATI	ON				maggio
Ćounty	Suffolk	MP-9	20	110006		Well Numbe	. 5	-130	344	~ •
		ETION REPO				I Ven Numbe	"/	170		-
OWNER					LAND WEL			· · · · ·	OG	
	Suffolk Co	ounty Departmer	nt of H	ealth Sen	vices		Grou	∟ nd Surl		
ADDRESS								iu oun	aue	
	<u>360 Yaph</u>	ank Ave; Suite 1	C; Ya	ohank, Ne	ew York 1198	0	EL.	1	Ft. above sea	
	d, Happaugue	<u> </u>	Donth	to Crounduro	ter From Surface			TOD	ft.	. .
170'	Delow Guilace		Deptil	77.4						
		CASING			<u> </u>		┫┊Ҭ			
Diameter							1			
2" Length	in.	in.		in.		in				
165'	ft.	ft.		ft.		ft.				
SEALING	• • • • • • • • • • • • • • • • • • • •			OPENINGS			1	-	TT	Í
				l						1
Make		SCREEN		OPENING	3					1
Johnson		•		10sk						
Diameter		. 1					1 [160'		
2" Length	in.	in.		in.		in.	. ∣ ∣			
5'	ft.	ft.		ft.		ft.				
DEPTH TO TO	OP FROM TOP C	OF CASING					1		· · · · · · · · · · · · · · · · · · ·	
-		PUMP TES			· · · · ·					
DATE		PUMP TES		TEST OR PE	RMANENT PUMP		4			
DURATION O				MAXIMUM D			170'	וי		
STATIC LEVE	days	st	hours		gal	Ions per min.		-'		1 · ·
	ft.		in.		ft.	in.				
MAXIMUM DF	RAWDOWN			Approx. time	of return level after		1			
		PUMPING INSTALLED	ft.	····	hours	min.				
TYPE		MAKE			MODEL NUMBER		-		· · ·	
MOTIVE POW	/ER	MAKE			H.P.			-		
Canadita		<u> </u>								
Capacity		a n m.			1 - 1 - 1					
NUMBER OF	BOWLS OR STA	g.p.m.a	iganist		ft. of disch	arge nead				
					ft.	of total head		↓ I		
					······		1			
	BBOBLINE						1	5'	· · · · · · · · · · · · · · · · · · ·	
DIAMETER	DROP LINE	······································		DIAM	SUCTION LINE			╘╌┯╼┛	e	
				in.		in.			е	
Length			-	Lengt	1		1	↓ .	n	
METHOD OF				ft.	F WATER	in.				
] rotory		ol other	Auge						s	
WORK START	TED				LETED		1		u	
2/7/2011 DATE	DRILLER		2/7/	2011		TONNE		5'	m	
2/7/2011	1	uis Velasquez			REGISTR/	ATION NO.		╘┰╌┙	p	
	_							Ţ		
*NOTE: Show	log of well materi	als encountered with de	oth below	ground surfac	e water bearing bec	is -	▼	V		
and water leve	Is in each casing	screen pump additional	pumping	test and other	matters of interest.					
Describe repair	r job.See instructi	ons as to Well Driller's F	Regulation	and Reports			L.			

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R	- E	DCATION	 ſ		4
MP-9 →22' A I					*
300' C K				•	
▼ R O A	RAMSON COURT				5
D					
1] Location will with respect to at leas showing distance from corner and fro Show North I	ont of lot.]		۵
Check TH	IE TOWN IN WHICH THE PROJECT	S LOCATED:			
NASSU C		Oyster Bay			
Suffolk C		East Hampton			
🔲 Huntir	ngton Islip	Riverhead			
Shelte	er Island 🔲 Smithtown	Southampton			
South	old	······································			

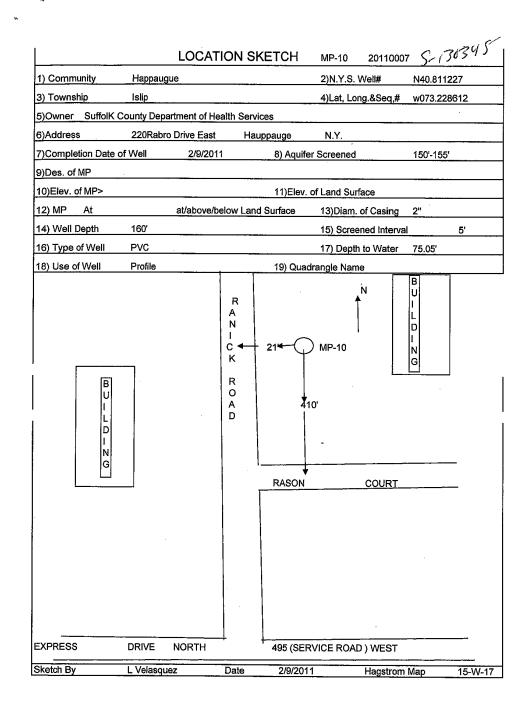
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	LOCAT	ION SP	KETCH	MP-9	20110006	5-13	0344
1) Community	Happaugue		• •	2)N.Y.S. \	/Veil#	N40.8109	23
3) Township	Islip			4)Lat, Lor	ng.&Seq,#	w073.228	723
5)Owner SuffolK C	ounty Department of He	ealth Servi	ces				
6)Address	220Rabro Drive East	Hau	ppauge	N.Y.			
7)Completion Date of	f Well 2/7/201	1	8) Aquife	r Screened		160'-165'	
9)Des. of MP							
10)Elev. of MP>			11)Elev. (of Land Surf	ace		
12) MP At	at/above/b	elow Land	Surface	13)Diam.	of Casing	2"	
14) Well Depth	170'			15) Scree	ned Interval		5'
16) Type of Well	PVC			17) Depth	to Water	77.40'	
18) Use of Well	Profile MP-9	 	19) Quad	rangle Nam	e		
B U L D N G	$\begin{array}{c} & & & \\ & & & & \\ & & & \\ &$	R A N C K R O A D	RASON	N -	COURT		-
EXPRESS	DRIVE NORTH		495 (SER	VICE ROAD) WEST		
Sketch By	L Velasquez	Date	2/7/2011		Hagstrom	Vap	15-W-17

.3		NEW YORK DEPARTM	IENT OF	ENVIRONMEN	ITAL CONSERVA						Maggiu
County	Suffolk	MP-10	20	0110007		Well Numb	er 5~	170	345		
,		ETION REPO									
OWNER							T	LC	JG	_	
ADDDECC	Suffolk County Department of Health Services							l Surfa	ace		
ADDRESS	360 Yanh	ank Ave; Suite	1C: Ya	nhank Na	w Vork 110	80	_		4		
LOCATION C	FWELL	ank Ave, Oute	10, Ta		SW TOIK [19	50	EL		t. above	sea	
Ranick roa	d ,Happaugue	e					-	······	1	t.	
	Below Surface		Dept		ter From Surface			OP C	F WELL	-	
160'		CASING		75.0	5		- 1	T			
Diameter	· · ·	·				—·					
2" Length	in.	in.		in.		in.	4			-	
155'	ft.	ft.		ft.		ft.					
SEALING				OPENINGS	-					-	
		SCREEN					-1				
Make		UUUUU		OPENING	8		-				
Johnson Diameter				10sl	ot		┥╎┍				
2"	in.	in.		in.		in.		50'			
Length		u									1
5' DEPTH TO T	ft. OP FROM TOP (ft.		ft.		ft.	-				1
DATE	· · · · · · ·	PUMP TE	ST	TECT OF F					Ī		
DATE				IESI OR PE		•				1.	
DURATION C				MAXIMOM D	ISCHARGE		160''	1			
STATIC LEVE	days EL PRIOR TO TE	ST	hours		g RING MAXIMUM P	allons per min.		1		· ·]	
	ft.		in.		ft.	in.					
MAXIMUM DF	RAWDOWN			Approx. time	of return level afte	r of pumping				1	
		PUMPING INSTALLE	ft.		hours	miņ.	4				
TYPE		MAKE		•	MODEL NUMBE	R	1				
	·										
MOTIVE POV	/ER	MAKE			H.P.						
Capacity							4				
	BOWLS OR STA		.against		ft. of disc	charge head	4				
NOWBEROF	BOWLS OR STA	IGE3	1		f	t. of total head					
						. or total nead	1		<u> </u>		
								;			
DIAMETER	DROP LINE			DIAM	SUCTION LINE		┫╎└	┯┷┦	-e		
	- <u>.</u>			in.		in.			e		
Length				Lengt	n		1	Ł	n		
METHOD OF	DRILLING			ft. USE (OF WATER	in.	4	1			
rotory	cable to	ol other	Auge	r Test					s	- 1	
WORK STAR 2/9/2011			2/0		LETED] r	ĻІ	u		
DATE	DRILLER	····	2/9	/2011	REGIST	RATION NO.	 Ľ	<u>"</u>]	m		
2/9/2011	L	uis Velasquez				854			р		
*NOTE: Show	log of well materi	als encountered with de	oth helow	around surfa	e water bearing b		╡┵	¥			
and water leve	Is in each casing	screen pump additiona	l pumpina	test and other	r matters of interes	euo t.					
		ions as to Well Driller's						L		Ì	
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· · ·		ATION	۹.
A 21' ◀(N 1	P-10 N 10'		ب
R O RAMSC A	N COURT		
D			
showing	ion will with respect to at least to distance from corner and front Show North Poi	of lot. int	
NASSU COUNTY	North Hempstead	Oyster Bay	
Suffolk County Babylon	Brookhaven	East Hampton	· · ·
Huntington	Islip	Riverhead	
Shelter Island	Smithtown	Southampton	
Southold			• •



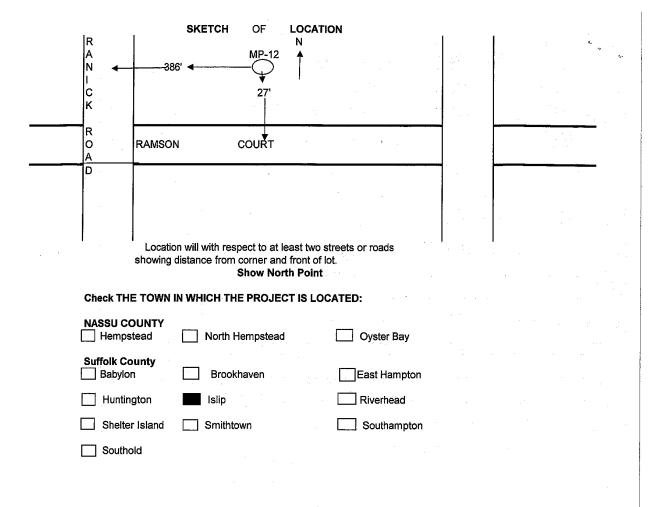
	Ν	IEW YORK DEPARTI	MENT OF EN	IVIRONMEN	TAL CONSERVATIO	N			magg
County	Suffolk	MP-11	2011	00011		Wall Numbe	5	-130349	7
						vven numbe		1	
OWNER						<u></u>	—	LOG	
	Suffolk Co	unty Departme	ent of He	alth Serv	vices		Ground	d Surface	
ADDRESS								Cunado	
	360 Yapha	ank Ave; Suite	1C; Yap	hank, Ne	w York 11980		EL.	Ft. above s	sea
LOCATION OF									
Ranick road Depth of Well B	,Happaugue		Denth t	Croundwal	er From Surface	-		-ft.	
160'	elow Sunace		Depth t	72.7				TOP OF WELL	•
100		CASING		74.1	•		1 T		
Diameter				. 1			1		1
2" Length	in.	in		in.		in.			. 1
155'	ft.	ft.		ft.		ft,		-	
SEALING				OPENINGS			1		
	-								
Maka		SCREEN		OPENINGS					
Make Johnson				10sk					
Diameter				1 10310	<u>л</u>		1 1	50'	
2"	in.	in.		in.		in.] Ľ		
Length 5'	ft.	ft.							-:
DEPTH TO TOP				ft.		ft.			
		PUMP TI							
DATE			1	EST OR PE	RMANENT PUMP				
DURATION OF	TEST		i	AXIMUM D	SCHARGE		160''	ק .	
	days		hours			ns per min.]	
STATIC LEVEL	PRIOR TO TES	т		LEVEL DUR	ING MAXIMUM PUM	PING			
	ft.		in.		ft.	in.			
MAXIMUM DRA	WDOWN		ft.	Approx. time	of return level after of				1
		PUMPING INSTALLE			hours	min.			
TYPE		MAKE			MODEL NUMBER		1		
MOTIVE POWE	R	MAKE			H.P.				
Capacity									
sapaony		a.p.n	against		ft. of discha	rae head			
NUMBER OF BO	OWLS OR STAC	GES				igo nead			
					ft. of	total head			
r			<u> </u>					5'	
DIAMETER				DIAME	SUCTION LINE			┬┘ ┝╼──	
				in.		in.		e	
Length				Length				↓ n	
METHOD OF DF			1	t.		in.			
rotory		l other	Auger	Test	FWATER				
WORK STARTE					LETED			S	
2/17/2011			2/17/2				[u 5' m	
	DRILLER				REGISTRA		▋╽└	p	
2/17/2011	LL	iis Velasquez			1854	1			1
*NOTE: Show log	g of well materia	Is encountered with d	epth below a	round surfac	e water bearing beds		L. ¥	▼	· ·
and water levels	in each casing s	creen pump addition	al pumping te	st and other	matters of interest.				
		ons as to Well Driller's						h	1
							-		للسمع

	R A N I C K	22' MP- 22' *	\supset		OCATION N ♠				•	÷.
	A	RAMSO	N.	COURT					 	
	D		-							
				spect to at lease corner and fr Show North	ont of lot.	ets or roads		I		
	Check THE	TOWNI	N WHICH TI	HE PROJECT	IS LOCAT	ED:				
[NASSU CO	ead	North	Hempstead	Ε	Oyster Bay	¥			
[Suffolk Con Babyion		Broo	khaven	Γ	East Hampton				
]	Hunting	iton	Islip		. [Riverhead				
[Shelter	Island	Smith	town	[Southampton				
[Southol	ld								

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	LOCA	ATION SKETCH	MP-11 201100011 5 ~	130349
1) Community	Happaugue		2)N.Y.S. Well# N40.81	
3) Township	Islip		4)Lat, Long.&Seq,# w073.2	
5)Owner SuffolK	County Department of	Health Services		
6)Address	220Rabro Drive Ea	st Hauppauge	N.Y.	
7)Completion Date	of Well 2/17/2	011 8) Aquife	er Screened 150'-15	55'
9)Des. of MP				
10)Elev. of MP>		11)Elev.	of Land Surface	
12) MPAt	at/above	e/below Land Surface	13)Diam. of Casing 2"	
14) Well Depth	160'		15) Screened Interval	5'
16) Type of Well	PVC		17) Depth to Water 72.70'	
18) Use of Well	Profile	19) Quad	drangle Name	
B U L D I N G		$ \begin{array}{c} I \\ C \\ K \\ R \\ O \\ \end{array} $) MP-11 D5') MP-10 10' - COURT	
EXPRESS	DRIVE NORTH	495 / SEE	RVICE ROAD) WEST	
			· · · · · · · · · · · · · · · · · · ·	
Sketch By	L Velasquez	Date 2/17/201	1 Hagstrom Map	15-W-1

	I	NEW YORK DEPARTM	IENT OF ENVIRO	ONMEN	ITAL CONSERVAT					-	maggio
County	Suffolk	MP-12	2011001:	2		Well Numb	er '	5-1	30350	>	00
	COMPL	ETION REPC					·				-
OWNER			· · · · · · · · · · · · · · · · · · ·						LOG		יי די ד
ADDRESS		ounty Departme					Gr	ound S	urface		
AUDRESS	360 Vanh	ank Ave; Suite ′	1C· Vanhan	L NL	W Vork 110	20					
LOCATION	DF WELL	ank Ave, Oulle	io, rapitali	N , 190	SW TOIK ITSO	50	EL		Ft. abov	e sea	1
	d,Happaugue)						·		-ft.	
1 '	I Below Surface		Depth to Gro		ter From Surface		T	то	P OF WEL	Ļ	Ī
170'		CASING	·····	93.4	0'		- I '	† 1	• :		
Diameter						· · ·					r.
2" Length	in.	in.		in.		in.				Ŀ	
165'	ft.	ft.		ft.		ft.					
SEALING			OPEN	INGS							
		600FFN								ĺ .	
Make		SCREEN	IOPE	NING	3		4				
Johnson				10sl	ot						
Diameter 2"	in.	in.		i]	i		160	<u>ا</u> ך ז		
Z Length		<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>		in.		in.	-	!└── ┐			
5'	ft. OP FROM TOP C	ft.		ft.		ft.					
DEPTH TO I	OP FROM TOP C	DF CASING									
		PUMP TE	ST			· · · · · · · · · · · · · · · · · · ·	-		-1		
DATE			TEST	OR PE	RMANENT PUMP	······	1				
DURATION C	DF TEST		MAXI		ISCHARGE		17			i	
	days		hours		a	allons per min.	Ľ				
STATIC LEVE	EL PRIOR TO TE	ST		L DUR	ING MAXIMUM PU	JMPING					
	ft.		in.	v time	ft. of return level after	in.					
			ft.	x. um o	hours	or pumping min.					
		PUMPING INSTALLED			Houre					└┐	
TYPE		MAKE			MODEL NUMBE	R					
MOTIVE POV	VER	MAKE			H.P.		4	ļļ]	
					1						
Capacity			.	-	•		1				
NUMBER OF	BOWLS OR STA	g.p.m. GES	against		ft. of disc	harge head	-				
					ft	of total head					
								Ť	s		
	DROP LINE							5'	╶╎╴╴		
DIAMETER	DROP LINE			DIAM	SUCTION LINE		-	5	_ ~ <u>e</u>		
			in.			in.			e		
Length			_	Length	1			♦	n		
METHOD OF	DRILLING		ft.	USFO	F WATER	in.	4	Ē			
] rotory	_cable too	oi 🚺 other	Auger	Test		•			s		
WORK STAR	TED			COMP	LETED		1	┍┸	ŭ	•	
13/1/2011 DATE	DRILLER		3/1/2011		REGIST	ATION NO.		5'	m		
3/1/2011		uis Velasquez				354		T	_ p		
				<u> </u>				, ↓			
and water leve	log of well materia	als encountered with de screen pump additional	pin below ground	d other	e water bearing be	ds	Г	<u> </u>			
Describe repai	r job.See instructi	ons as to Well Driller's	Regulation and R	u uner leports	matters of interest	•	1				



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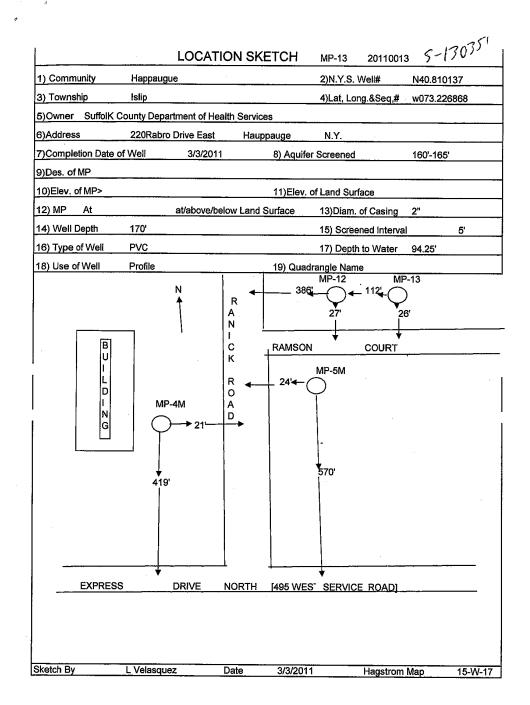
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 Community 	Happaugue			2)N.Y.S. Well#	2 5-13035 ⁰ N40.810163
3) Township	Islip		mett + -	4)Lat, Long.&Seq,#	
	ounty Department of H	ealth Servic		4)Lat, Long.&Seq,#	w073.227260
3)Address	220Rabro Drive East		pauge	N.Y.	
)Completion Date of				Screened	4001 4051
))Des. of MP	VVeii 3/1/20	<u>.</u>	o) Aquiler	Screened	160'-165'
0)Elev. of MP>			11)Elou o	fl and Outfran	
2) MP At	at/above/	below Land		f Land Surface	
4) Well Depth	170'	DEIOW Lanu	Sunace	13)Diam. of Casing	
6) Type of Well	PVC			15) Screened Interva	
8) Use of Well	Profile		10) 0 1	17) Depth to Water angle Name	93.40'
B U L L L L L L L Z G	MP-4M	R A N I C K R O A D	386	MP-12 27' COURT MP-5M	
EXPRESS	▼ DRIVE	NORTH	[495 WES]	SERVICE ROADI	

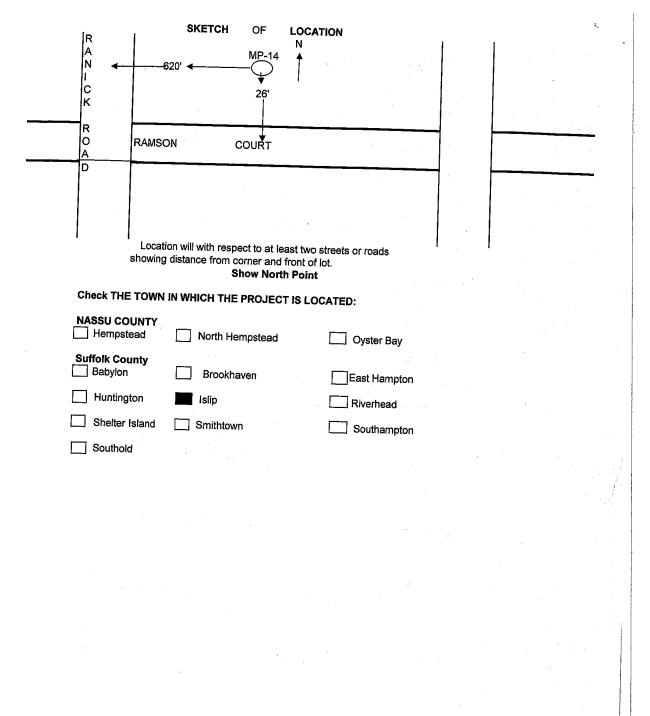
	١	EW YORK DEPART	MENT OF ENVIRO	ONMEN	ITAL CONSERVATIO					mags	10
County	Suffolk	MP-13	2011001	3		Well Numbe		c. 1	70357	, br	
		ETION REPO				-	·				
OWNER							Т		LOG		
ADDRESS	Suffolk Co	ounty Departme	ent of Health	Ser	lices		Gro	und Su	rface		
	360 Yapha	ank Ave; Suite	1C; Yaphan	ık. Ne	w York 11980		EL.		Ft. above sea		
LOCATION	of Well						┮				
Ranick roa	ad ,Happaugue		Donth to Cru		ter From Surface				-ft.		
170'	I Delow Sunace		Depth to Gro	94.2					OF WELL		
		CASING		01.2						· · · .	
Diameter 2"	in.	in.		in.		in.	1				
Length					an 1.1		1	-			
165'	ft.	ft.		ft.		ft.					
SEALING			OPE	NINGS							
		SCREEN	· · · ·				-				
Make			OPE	ENINGS							
Johnson Diameter			!	10slo	ot		-	160'	-		
2"	in.	in.		in.		in.		100			
Length 5'	ft.	ft.		ft.		ه ا	1			-	
	OP FROM TOP O					ft.			. <u> </u>	7	
			· .								
DATE		PUMP TE		OR PF	RMANENT PUMP		-			- I .	
				, entre							
DURATION (ISCHARGE		170				
STATIC LEV	days EL PRIOR TO TES	T	hours LEV	EL DUR	galio	ns per min. PING		J			
· ·	ft.		in.		ft.	in.		1			
MAXIMUM D	RAWDOWN			x. time	of return level after of		1				
		PUMPING INSTALLE	ft.		hours	min.	-	Ļ		_	
TYPE		MAKE			MODEL NUMBER	···	1				
MOTIVE POV		MAKE						L	······································		
NOTIVE POU		MAKE			H.P.						
Capacity		L									
	BOWLS OR STA		n.against		ft. of discha	rge head	1				
NOWBER OF	BOWLS OR STA		1		ft o	f total head					
					1.0	total nead		Ť	- <u>s</u> -		
								5'			
DIAMETER	DROP LINE				SUCTION LINE						
			in.			in.			e		
Length				Lengt	1		1	¥	n		
METHOD OF	DRILLING		ft.		OF WATER	in.	┨│	ſ			
rotory	Cable too	l other	Auger	Test					s		
WORK STAR	TED		- <u> </u>		LETED		1		u		
13/3/2011 DATE	DRILLER		3/3/2011		REGISTRA	TION NO.		5'	_ m	1	
3/3/201 ⁻		iis Velasquez			185				_ p		
*NOTE: Shaw		lo oncountered with a	onih halow				L↓				
and water leve	els in each casing s	als encountered with d	epin below groun al cumping fest ar	u suna 11 other	ce water bearing beds	6					
		ons as to Well Driller's							L		
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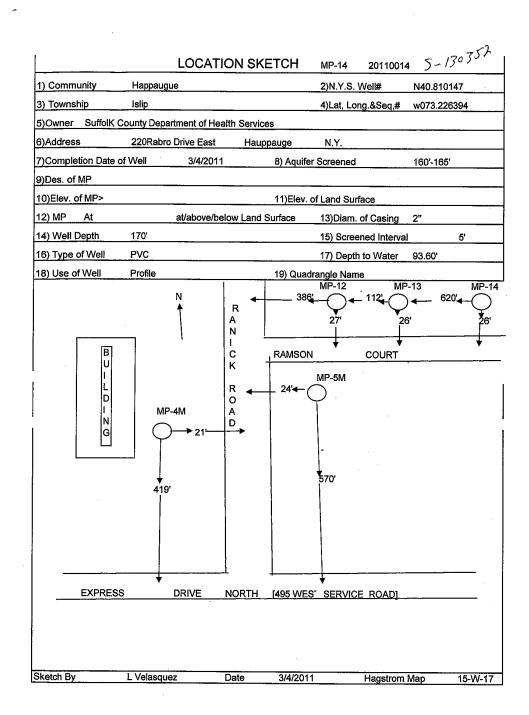
1- 1	SKETCH OF LOCATIO	DN .		ŧ.
	18" ← MP-13			an An An An An An
с к	26'			
R O RAMSON A	N COURT			
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Locatic	on will with respect to at least two st	reets or roads		
showing	distance from corner and front of lo Show North Point	t.		an an an an an an an an an an an an an a
Check THE TOWN	IN WHICH THE PROJECT IS LOC	ATED:		
NASSU COUNTY	North Hempstead	Oyster Bay	1	
Suffolk County Babylon	Brookhaven	East Hampton		
	Islip	Riverhead	. •	
Shelter Island	Smithtown	Southampton		
Southold				
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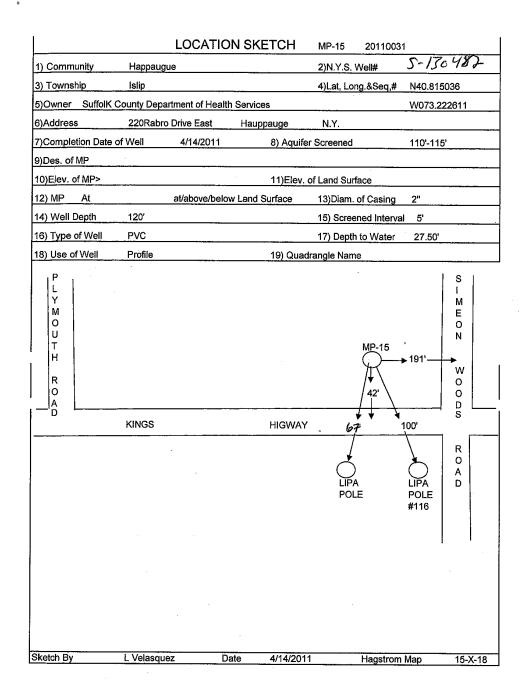
> NE\	W YORK DEPARTME	NT OF ENVI	RONMENTA	L CONSER	VATION	<u> </u>	3.75)
ty Suffolk	MP-14	20110			Well Nur	nber	-130352
COMPLE	TION REPO	RT-LON	IG ISL	AND W	ELL		LOG
ED		_				Groun	d Surface
0000	inty Departmer						
360 Yaphar	nk Ave; Suite 1	C; Yapha	ank, Nev	v York 1	1980	EL	Ft. above sea
ATION OF WELL nson court ,Happaugu							ft.
h of Well Below Surface		Depth to		r From Surfa	ce		TOP OF WELL
l	CASING		93.60				
leter					in.		
in.	in.		in.			1	<u> </u>
ft	ft.		ft. PENINGS		ft.		<u>├</u>
LING			PENINGS				
	SCREEN		OPENINGS				
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heter			in.		in.		160'
in.	in.						
ft. TH TO TOP FROM TOP OI	ft.		ft.		ft.		
E	PUMP TE	ST	EST OR PE	RMANENT I	PUMP		
E						170	
ATION OF TEST		hours	AXIMUM D	SCHARGE	gallons per mi		
days	ST		LEVEL DUR		gallons per mi UM PUMPING		
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		ft.				nin.	
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TIVE POWER	MAKE			H.P.			
×	<u> </u>						
		n.against		ft.	of discharge head		
BOWLS OR STA	AGES				ft. of total he	ad	▼s
	_ · · · · _ · · · · · · · · · · · ·						
			<u> </u>	SUCTION			5'
				ETER		in.	e-
\ -			in. Leng	th			v n
			ft.	OF WATER		in.	↑
	othe	r Auger					s
\setminus			CON	PLETED			5' u
λ	-		2011	- IR	EGISTRATION NO).	
\	`ez				1854		
	6 2						
		depth below	ground surf	ace water be			
		depth below	test and oth	er matters of	aring beds		
		hal pumping	ground surf test and oth n and Repor	er matters of	aring beds		
	ł) [,]	nal pumping Regulation	test and oth n and Repor	er matters of ts.	earing beds f interest.		
	ł) [,]	hal pumping	test and oth n and Repor	er matters of ts.	earing beds f interest.		





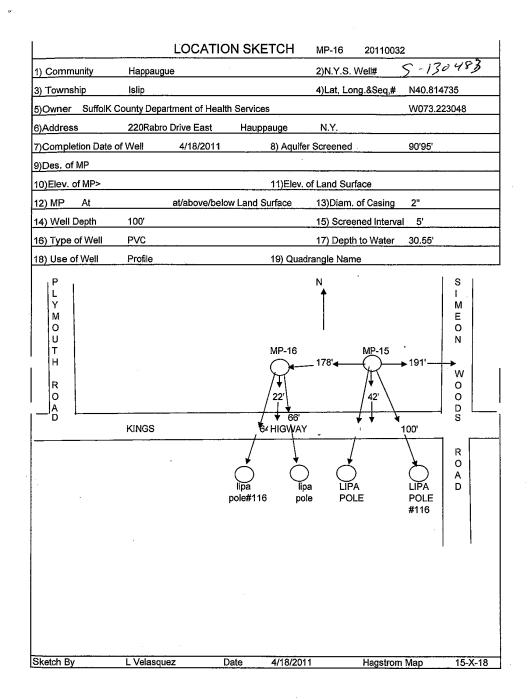
ر بر م	NEW YORK DEPART	MENT OF ENVI	RONMENTAL CONSE	RVATION LATITUDE	N40.815036	
Gounty Suffolk	MP-15	201100	31	LOTITUD Well Numbe	E W073.22	2611 30 LIG-)
	ETION REPO					
OWNER						OG
ADDRESS	ounty Departme	ent of Healt	h Services		Ground Sur	ace
360 Yaph	ank Ave; Suite	1C; Yapha	nk, New York	11980	EL.	Ft. above sea
LOCATION OF WELL			· · · ·			
Kings higway, Happaugu Depth of Well Below Surface	e	Depth to G	roundwater From Sur	face		DF WELL
120'			27.50'	1000		
Diameter	CASING					
2" in.	in.		in.	in.		
Length 115' ft.	ft.		#			
SEALING		OPE	ft. NINGS	ft.	4	
		I				
Make	SCREEN	IOF	PENINGS		4	
Johnson			10slot			
Diameter 2'' in,	in.		in,	in.	110'	
Length						
5' ft. DEPTH TO TOP FROM TOP C	ft.		ft	ft.	4 .	
DATE	PUMP TI					
DATE		155	T OR PERMANENT I	PUMP		
DURATION OF TEST			IMUM DISCHARGE		120'	
days STATIC LEVEL PRIOR TO TES	ST.	hours	EL DURING MAXIMI	gallons per min.		
ft.		in.	ft.	in.		
MAXIMUM DRAWDOWN			ox. time of return leve			
	PUMPING INSTALLE	ft.	no	ours min.		
TYPE	MAKE		MODEL NU	JMBER	1	
MOTIVE POWER	MAKE		н.р.			
			1			
Capacity					1	
NUMBER OF BOWLS OR STAC	GES g.p.n	1.against	π. α	of discharge head		
· · · · · · · · · · · · · · · · · · ·				ft. of total head		
					▋│╷╷┷╌	
DROP LINE			SUCTION I		5'	
DIAMETER		je	DIAMETER			-e
Length		in.	Length	in.		n l
METHOD OF DRILLING		ft.		in.	👬	
Trotory □ rotory	l other	Auger	USE OF WATER			
WORK STARTED			COMPLETED			s u
4/14/2011 DATE DRILLER			4/14/2011	GISTRATION NO.	5'	m
	is Velasquez			1854		р
*NOTE: Show log of well materia		onth hol				
and water levels in each casing s	screen pump additiona	epin below groui al pumpino test a	to surface water bear nd other matters of in	ing beds		
Describe repair job.See instruction	ons as to Well Driller's	Regulation and	Reports.			

		S	KETCH	OF LOC	ATION			۱. ۲	
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	R						D		
	O A						S		
	D						R		
							O A		
	• •	Location w	ill with respec	t to at least tw	vo streets o	or roads	D		
	S	howing dista	ance from cor Sh	rner and front ow North Poi	of lot.				
							* ·,		
	Check THE	TOWN IN W	HICH THE F	PROJECT IS I	LOCATED				
	NASSU COL		· · ·						
	Hempste	ad [North Hen	npstead	· 🗋 .	Oyster Bay			
	Suffolk Cou	nty						a parata da serie de serie de la serie de la serie de la serie de la serie de la serie de la serie de la serie	
	Babylon		Brookhav	/en	·	East Hampton			
	Huntingt	ion	Islip			Riverhead		a de la companya de La companya de la comp	
	Shelter I	sland] Smithtown	I		Southampton			
	Southold	4						an an an an an an an an an an an an an a	
	·								
	LATITUDE 1		4						
	LOTHODE	1013.22201	1.						
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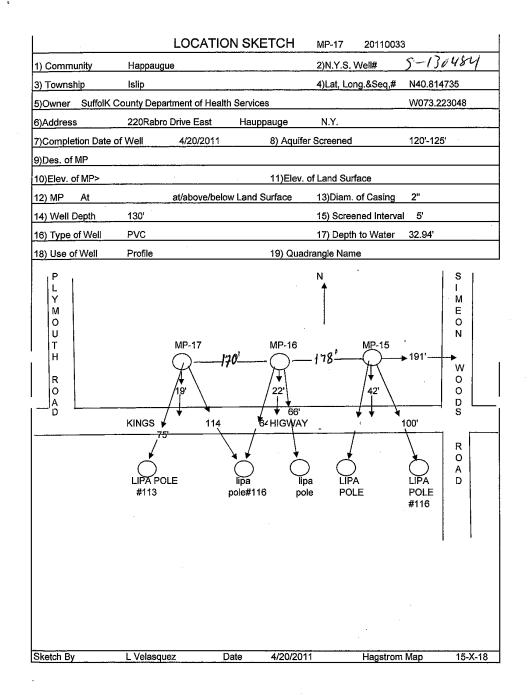
	N	NEW YORK DEPARTIN	IENT OF E	enviro	ONMEN	TAL CO	NSERVATIO		N40.	814735	;	
County	Suffolk	MP-16	20	11003	2			LOTITUD Well Numbe	EVVÇ r	5-7.	3048	83
	COMPLI	ETION REPC	ORT-L	ONC	g isi	LAND	WELL	-				
OWNER	0				~				1		OG	
ADDRESS	Suffork Co	ounty Departme	nt of H	ealth	Sen	/ices			Grou	ind Surf	face	
	360 Yapha	ank Ave; Suite	1C; Ya	phan	k, Ne	w Yo	r <mark>k 1</mark> 1980		EL.	f	Ft. above	sea
LOCATION C		_					· · · ·		1			
Kings higw Depth of Wel	ray, Happaugue I Below Surface	3	Depth	to Gro	undwat	er From	Surface			TOP	OF WELL	t
100'			Dopt		30.5		Gunado			101		-
Diameter		CASING										
2"	in.	in.			in.			in.				
Length	ft.	ft.						F L	1			
95' Sealing	11.	n.		OPEN	ft.			ft.				
Make		SCREEN		IOPE	ININGS		<u></u>					
Johnson					10slo							
Diameter 2"	in.	in.l			in.			in.	1	90'		
ength									1	$\neg \neg$		
	ft. OP FROM TOP O	ft.			ft.			ft.				
	OF FROM TOP O	FCASING										
		PUMP TE	ST	·								
DATE				TEST	OR PE	RMANE	NT PUMP					
URATION C	OF TEST			MAXI	MUM D	ISCHAR	GE		100			
TATIC LEVE	days EL PRIOR TO TES	<u>т </u>	hours		פווח ו	ING MAY	gallo KIMUM PUM	ns per min.				
	ft.		in.			ft.		in.				
MAXIMUM DR	RAWDOWN		-	Appro	x. time	of return	level after of	pumping				
		PUMPING INSTALLE	ft. D				hours	min.				
YPE		MAKE				MODE	. NUMBER		1			
		MAKE										
NOTIVE POV	VER	MAKE				H.P.						
Capacity		L	1			ſ			1			
	BOWLS OR STA		against				ft. of discha	rge head	4			
		520	1				ft. o	f total head		Ļ		
										1	- <u>c</u> _	
	DROP LINE					SUCT				5'	┝╌┲──┤	
DAMETER	DIGI EILE				DIAM						<u>e</u>	
ength				in.	1			in.			e- n	
engun				ft.	Lengt	1		in.		¥		
NETHOD OF						OF WATE	R		1			
] rotory VORK STAR	Cable too	ol other	Auge	r	Test COMF	LETED					s	
4/18/2011	1					8/2011				5'	u m	
ATE 4/18/2011	DRILLER						REGISTRA		1	[-]	p	
		uis Velasquez					185			Ţ		
NOTE: Show	log of well materia	als encountered with de	epth below	groun	d surfac	ce water	bearing beds)	┣.♥	_▼	<u> </u>	
nd water leve	els in each casing :	screen pump additiona	al pumping	test ar	nd othei	matters	of interest.					
reaction repair	ir job.See instruction	ons as to Well Driller's	Regulatio	n and I	keports							

P	SKETCH OF			1	<u>n 1</u>	
L		A ↑			S I	
Y M			MP-16		M E	
0			↓ ·		0	
U T			22'		N	
H	KINGS	HIGWAY	•		W.	
R	· · · · · · · · · · · · · · · · · · ·				O	
O A					S	
D					R	
			х		O A	
Loca showir	ation will with respect to ng distance from corner	at least two stree and front of lot.	ets or roads		D	
		North Point				
Check THE TOW	N IN WHICH THE PRO	JECT IS LOCAT	ED:			
NASSU COUNTY	а					
Hempstead	North Hempste	ead	Oyster Bay			
Suffolk County		•				
Babylon	Brookhaven	[East Hampton			
Huntington	Islip	[Riverhead			
Shelter Island		· -			2	
	Smithtown	· ·	Southampton			
		· L	Southampton			
Southold		· L	Southampton			
	15036	· L	Southampton			
Southold	15036	· .	Southampton			
Southold	15036	· L	Southampton			
Southold	15036	· _ L	Southampton			
Southold	15036	· _ L	Southampton			
Southold	15036		Southampton			
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611	· .	Southampton			
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611	· · ·				
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611	· .				
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611					
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611					
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611					
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611					
Southold LATITUDE N40.8 LOTITUDE W073	15036 .222611					
Southold	15036 .222611					
Southold	15036 .222611					



2	N	EW YORK DEPARTN	IENT OF E	NVIRO	NMEN	TAL CON	ISERVATIO				c
Čounty S	Suffolk MP-17 20110033 Well Number									-130	48-1
	COMPLETION REPORT-LONG ISLAND WELL										
OWNER			م الم	مالالم	0				Ľ	LOG	
ADDRESS		unty Departme	ent of He	aith	Serv	ices			Ground	Surface	
3	60 Yapha	nk Ave; Suite	1C; Yap	hanl	<u>k, Ne</u>	w Yor	<u>k 11980</u>		EL	Ft. at	ove sea
LOCATION OF W											
Kings higway, Depth of Well Bek	ow Surface		Depth	to Grou	undwate	er From S	Surface		TC	OP OF W	<u>ft.</u> /ELL
130'	<u>-</u>					32.94				↑	
Diameter	CASING										
2" in		in.			in.			in.	-		
Length 125' ft	.	ft.			ft.			ft.l			
SÉALING		16.		OPEN				1.	1		
			_						1		
Make		SCREEN		OPE	NINGS				4		
Johnson					10slc	t					.
Diameter 2" ir	n.	in.			in.			in.	90	<u>'</u>	
Length											
5' ft. DEPTH TO TOP F		ft.		r	ft.			ft.			
DATE		PUMP TE	ST	терт			NT PUMP				
DATE				1231							
DURATION OF TE				MAXIN		SCHAR		·	100'		
STATIC LEVEL PI	days RIOR TO TES	Ť	hours	LEVE	L DUR	NG MAX	gaild IMUM PUM	ns per min. PING			
	ft.		in.			ft.		in.			
MAXIMUM DRAW	DOWN		ft.	Approx	c. time	of return	level after o hours	f pumping min.			
	F	UMPING INSTALLE					nours				
TYPE		MAKE				MODEL	NUMBER				
MOTIVE POWER		MAKE				H.P.					
Capacity			n.against				ft. of discha	ma boad			
NUMBER OF BOV	VLS OR STAG		.agamst				It. of discha	ige neau			
							ft. o	f total head		¥ _ s	
										╧	⊢
	OP LINE								5		
DIAMETER				in.	DIAME	TER		h-			
Length					Length			in.	1 ,	↓	
	100			ft.	-			in.			
METHOD OF DRIL	LING	other	Auge	-	USE C Test	OF WATE	:K			s	
WORK STARTED					COMF	LETED		· · · ·	1 _	⊥ u	
4/20/2011 DATE [DR	ULLER				4/2	0/2011	REGISTRA		5	9 11	n
4/20/2011		is Velasquez					185			¶	
		-								↓	
*NOTE: Show log of well materials encountered with depth below ground surface water bearing beds and water levels in each casing screen pump additional pumping test and other matters of interest.											
	and water levels in each casing screen pump additional pumping test and other matters of interest.										

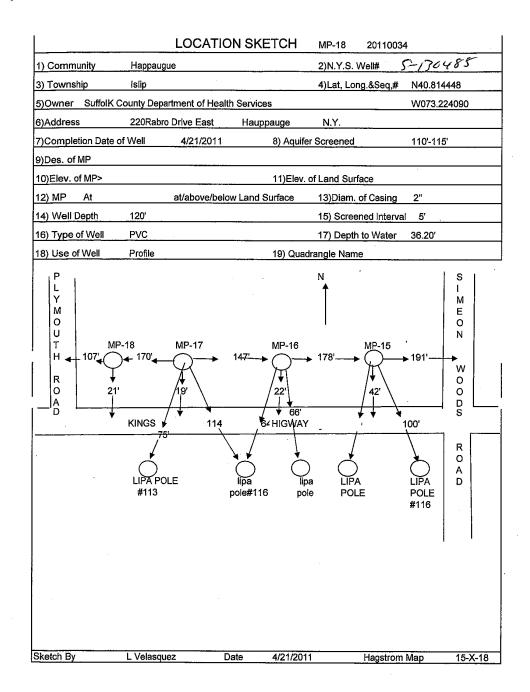
	P	SKETCH OF			e af	a 1		ж.
	Г Ч М О U T		N MP-17 19'	 516'		S I M E O N		
	H	KINGS	HIGWAY	· · · · ·		w 0		
<u> </u>	R O A D					R A		
	showing		and front of lot. North Point			D		
	Check THE TOWN	IN WHICH THE PRO	JECT IS LOCATED):				
	NASSU COUNTY	North Hempst	ead	Oyster Bay		4	e di	· .
	Suffolk County	Brookhaven		East Hampton				
	Huntington	Islip		Riverhead				
	Shelter Island	Smithtown		Southampton				
	Southold			1. 1996 - 1				
	LATITUDE N40.814 LOTITUDE W073.22							i di la



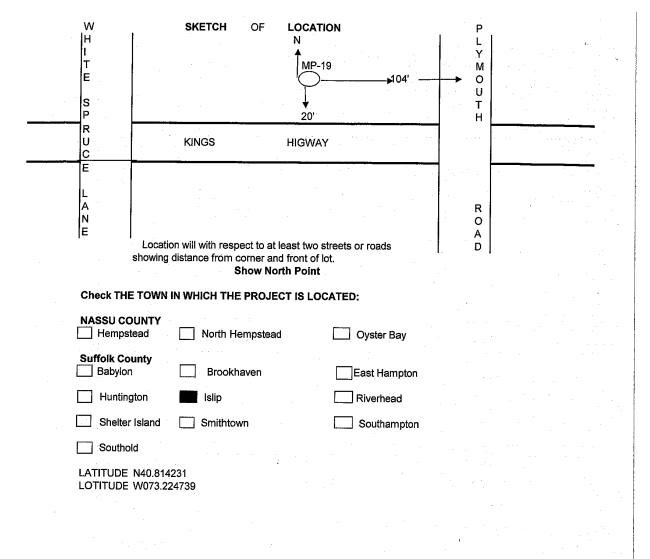
,°	Ν	IEW YORK DEPARTM	ENT OF ENVIR	ONMENTAL CO	ONSERVATION		N40.814448		
e County	Suffolk	MP-18	2011003	4		LOTTUDE Well Number	E W073.224 ↑		5
		ETION REPO						- 70	<u></u>
OWNER				JIOLAN			1	JG	
	Suffolk Co	unty Departme	nt of Health	Services			Ground Surfa		
ADDRESS							1		
LOCATION C	360 Yapha	ank Ave; Suite	IC; Yaphar	ik, New Yo	ork 11980		ELF	t. above	sea
		• •							
Depth of Well	ay, Happaugu Below Surface		Depth to Gro	oundwater From	1 Surface		TOP C	F WELL	
120'			•	36.20'			A A		-
		CASING					1		
Diameter 2"	in. in. in. in.								
Length									
115'	ft.	ft.		ft.		ft.			
SEALING			OPEI	NINGS					
		SCREEN	I				┨ │ . │ └		
Make	<u></u>		OPI	ENINGS					
Johnson Diameter				10slot			┨╎┍╼┷┑		
2"	in.	in.		in. I		in.	110'		
Length									
5'	ft. OP FROM TOP O	ft.		ft.		ft.			
		r CASING						4	
	·	PUMP TE	ST						
DATE			TEST	OR PERMAN	ENT PUMP				
DURATION O	F TEST		MAY	MUM DISCHAR			120'		
Bontanion o	days		hours			per min.	120		- 1
STATIC LEVE	L PRIOR TO TES	T				NG			
MAXIMUM DF	ft.		in.	ft.		in.			
	AVVDOVVN		ft.	ox. time of retur	n level after of p hours	umping min.			
		PUMPING INSTALLED			nouis				
TYPE		MAKE		MODE	EL NUMBER				
MOTIVE POW	150	MAKE				······			
		MARE		H.P.					
Capacity									
			against		ft. of discharge	ə head			
NUMBER OF	BOWLS OR STAC	JES	T						
					π. οτ το	otal head	*	_ s	
							5	- C	
	DROP LINE				ION LINE				
DIAMETER				DIAMETER				e	
Length			in.	Length		in.		n	
			ft.			in.			
METHOD OF I				USE OF WAT	ÊR				
rotory WORK STAR1	Cable too	l other	Auger	Test COMPLETED				s	
4/21/2011				4/21/201			5'	u	
DATE	DRILLER				REGISTRATIO	ON NO.	I Ľ	m	
4/21/2011	Li	is Velasquez			1854			p	
*NOTE: Show	log of well materia	ils encountered with de	oth below aroun	d surface water	bearing bade				
and water leve	is in each casing s	screen pump additional	pumping test ar	d other matter	s of interest.				
		ons as to Well Driller's							
							L		

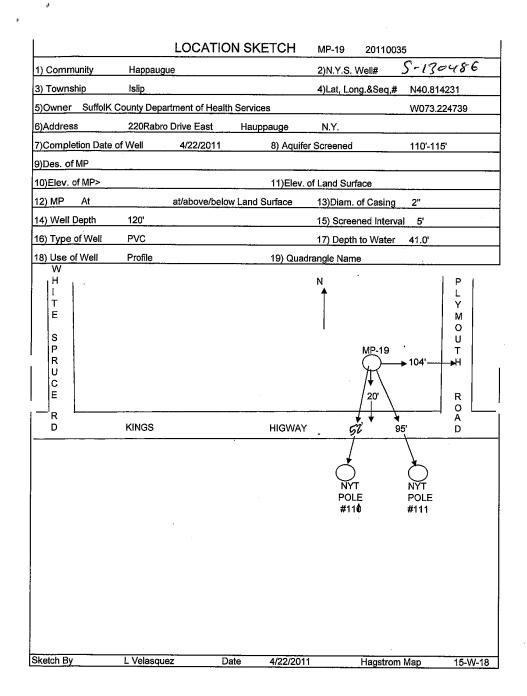
SKETCH OF LO	CATION		
107'	6 86'	S I M E O N	
KINGS HIG	WAY	W O O	
		D S R	
ving distance from corner and fron	t of lot.	A D	
WN IN WHICH THE PROJECT IS	LOCATED:	•	
Y North Hempstead	Oyster Bay		
Brookhaven	East Hampton		
Islip	Riverhead		
nd Smithtown	Southampton		
			en ander en en en en en en en en en en en en en
	107' KINGS KINGS HIG ving distance from corner and from Show North Per WN IN WHICH THE PROJECT IS Y North Hempstead Brookhaven Islip	Imp-18 Imp-18 Imp-18 Imp-18 <td< td=""><td>Imperiation N N S Imperiation Imperiation</td></td<>	Imperiation N N S Imperiation Imperiation

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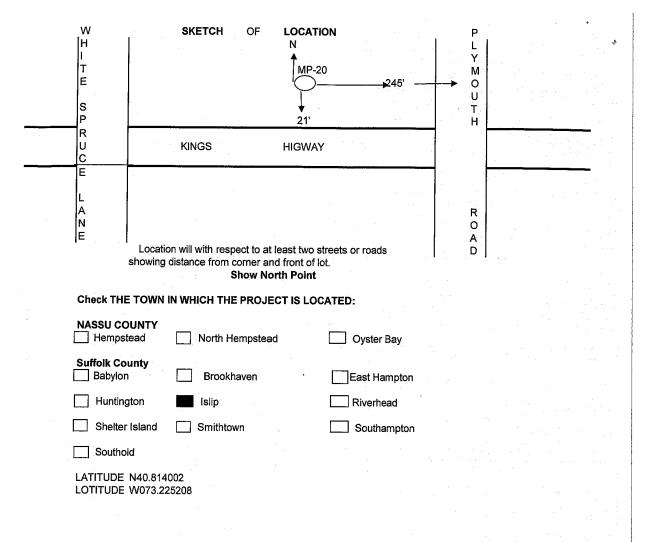


	Ν	EW YORK DEPARTM	ENT OF ENVIR	ONMENTAL	CONSERVATIO		N40.8142		
County	Suffolk		2011003	5		LOTITUD Well Numbe	E VV0/3.2	124739 1 <i>704</i>	86
		ETION REPO					·		
OWNER							Т	LOG	_
	Suffolk Co	ounty Departmer	nt of Health	n Service	S		Ground St	urface	
ADDRESS	360 Yapha	ank Ave; Suite 1	C: Yaphar	k. New Y	York 11980		EL,	Ft. above	e ees
LOCATION O	F WELL		<u></u>				-		- 364
Kings higwa	ay, Happaugu Below Surface	<u>e</u>		·					-ft.
	Below Surface		Depth to Gr	oundwater Fr	om Surface		TOP	P OF WEL	L
120'	<u>.</u>	CASING		41.0'			┤┦╿		
Diameter		1				. 1	1		
2" Length	in.	in.		in.		in.	┫ │ │		
115'	ft.	ft.		ft.		ft.			Ì
SEALING		·	OPE	NINGS]		
		SCREEN					-		
Make			OP			• .	1		
Johnson Diameter			1	10slot			110		
2"	in.	in.		in. 🔤		in.	┛╵└╨		
Length 5'	ft.	ft.		ft.	-	ft.			
	OP FROM TOP O	F CASING				<u> </u>	1		
						ang sa t			
DATE		PUMP TES		OR PERMA	NENT PUMP		4		
					,				a she
DURATION O				MUM DISCH			120'		
STATIC LEVE	days	ST	hours LEV	EL DURING	gallo MAXIMUM PUM	ns per min. PING			
	ft.		in.	ft.		in.			
MAXIMUM DR	AWDOWN		ft.	ox. time of ret	turn level after of hours	pumping min.			
		PUMPING INSTALLED			10015		4		
TYPE		MAKE		мо	DEL NUMBER		1		
MOTIVE POW	/ER	MAKE		Н.Р			+ $+$ $+$		
0								1	
Capacity		apm	against		ft. of discha	me heed			
NUMBER OF	BOWLS OR STA					goneda	1		
· · · · · · · · · · · · · · · · · · ·					ft. of	total head	┨│⋭	s	
							╽│่่	_┼╼─	
	DROP LINE				CTION LINE		5'	╝╌	
DIAMETER			:-	DIAMETER	2]	e e]
Length	<u> </u>		in	Length		in.	┨│ ↓	n	
	BRUNC		ft.			in.] 🖡	+	ł
METHOD OF I	DRILLING	ol 🖬 other	Augor	USE OF W	ATER				
WORK START			Auger	COMPLETI	ED		4	_ s	
4/22/2011		·		4/22/20			5'	m	
DATE 4/22/2011		uis Velasquez			REGISTRAT			p	
		•		<u>.</u>			1↓↓↓		
NOTE: Show	log of well materia	als encountered with de screen pump additional	pth below grour	id surface wa	ter bearing beds		1		
Describe repair	r job.See instruction	ons as to Well Driller's I	Regulation and	na outer matt Reports	ers of interest.		· ·		J
				10.000					

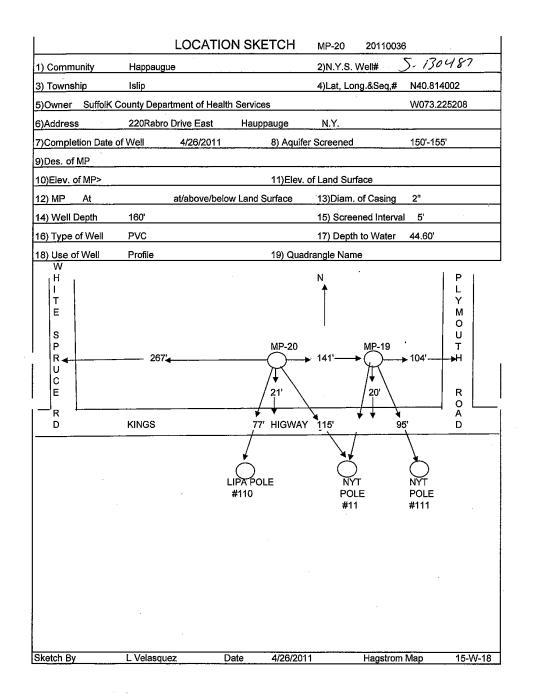




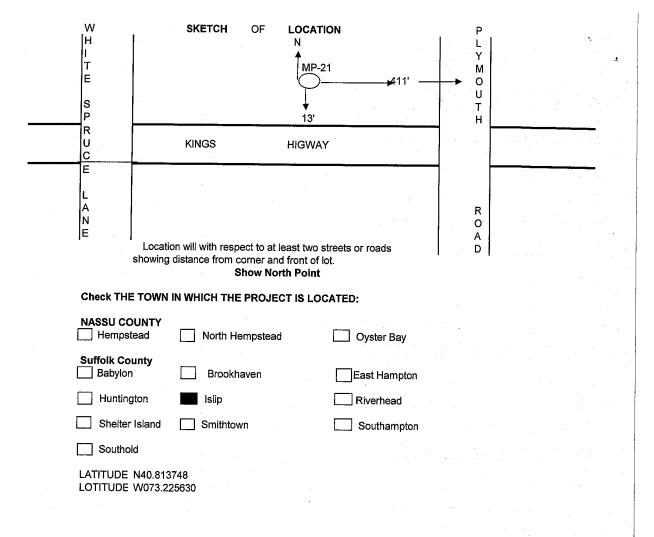
	NEW YORK DEPARTI	MENT OF ENV	IRONMENTAL CO			0.814002	
County Suffc	lk MP-20	Number	1073.225208 5-130 487				
	MPLETION REPO	ORT-LOI	NG ISLAN				
OWNER			Min. O ann dia an			LOG	
ADDRESS	olk County Departme	ent of Hea	ith Services		Gro	ound Surface	
360	Yaphank Ave; Suite	1C; Yaph	ank, New Yo	ork 11980	EL.	Ft. above sea	
LOCATION OF WELL Kings higway, Har							
Depth of Well Below S	Surface	Depth to	Groundwater From	n Surface		TOP OF WELL	
160'	CASING		44.60'		······		
Diameter	CASING						
2" in .	in.		in.	in.			
155' ft.	ft.		ft.	ft.			
SEALING		0	PENINGS				
	SCREEN						
Make		C					
Johnson Diameter			10slot			150'	
2" in.			in.	in.			
Length 5' ft.	ft.		ft.	ft. I			
DEPTH TO TOP FROI							
	PUMP TI	EST					
DATE			ST OR PERMANE	ENT PUMP			
DURATION OF TEST		MZ	XIMUM DISCHAF	RGE	16		
	days	hours		gallons per r			
STATIC LEVEL PRIOF	ft.	in.	EVEL DURING MA	XIMUM PUMPING	in.		
MAXIMUM DRAWDOV				n level after of pumpir			
	PUMPING INSTALLE	<u>ft.</u>		hours	min.		
TYPE	MAKE		MODE	EL NUMBER			
MOTIVE POWER	MAKE		H.P.				
Capacity		· · ·					
NUMBER OF BOWLS		n.against		ft. of discharge head	1		
				ft. of total he	ad		
DROP	LINE		SUCT			5' 1	
DIAMETER			DIAMETER			e	
Length		ir	1. Length		<u>in.</u>		
		ft.			in.		
METHOD OF DRILLIN	G cable tool o ther	Auger	USE OF WAT Test	ER			
WORK STARTED			COMPLETED			s u	
4/26/2011 DATE DRILLE	R		4/26/2011	REGISTRATION NO		5' m	
4/26/2011	Luis Velasquez			1854		р	
*NOTE: Show loss of	•				↓	, ↓	
	NOTE: Show log of well materials encountered with depth below ground surface water bearing beds and water levels in each casing screen pump additional pumping test and other matters of interest.						
	instructions as to Well Driller's					L]	

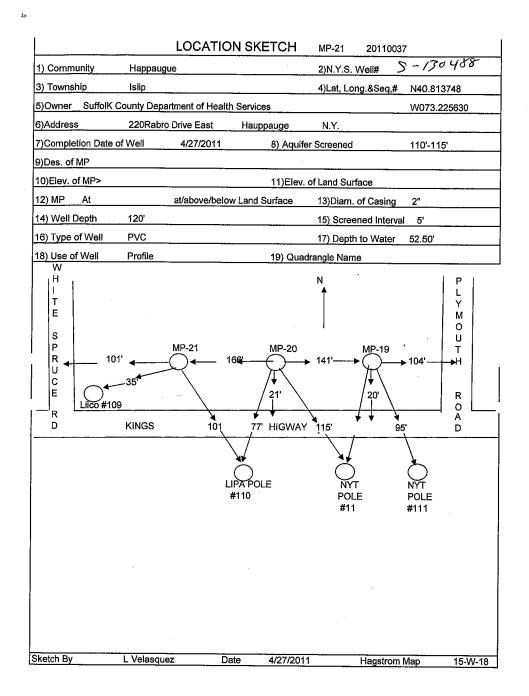


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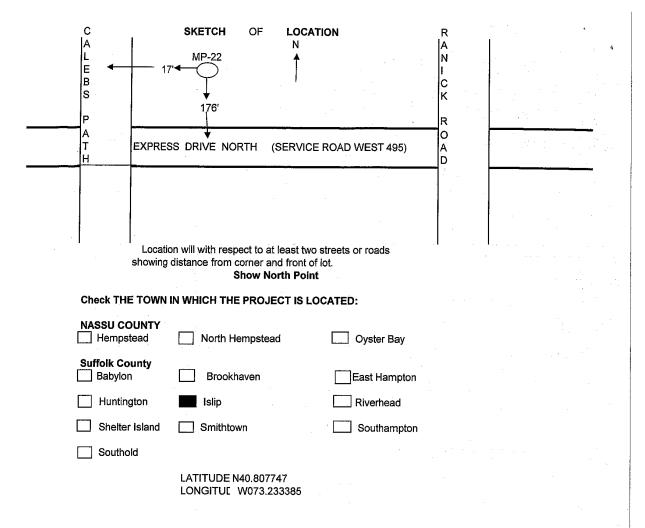


	N	NEW YORK DEPARTME	NT OF E	NVIR	ONMEN	TAL CO	NSERVATION		N40.81		
County	Suffolk	MP-21	20	11003	7			LOTITUD	E W073	3.22563	5 488
د. د	COMPLETION REPORT-LONG ISLAND WELL										
OWNER					3 13		VVELL			LOG	
OWNER	Suffolk Co	ounty Departmen	t of He	ealth	Sen	lices			Ground	Surface	
ADDRESS										Ounaos	
	360 Yapha	ank Ave; Suite 1	<u>C; Yap</u>	bhan	ik, Ne	w Yo	rk 11980		EL.	Ft. a	bove sea
LOCATION C		-									
Rings nigw	ay, Happaugu	e	Denth	to Gr	undwat	er From	Surface		╞╴╴╤	OP OF V	ft.
120'	Delew Guilage	· · · · ·	Deptil	to Git	52.5		ounace				
		CASING			02.0				1 •		
Diameter 2"	:	• 1			. 1				1		
2" Length	in.	in.			in.			in.	4		
115'	ft.	ft.			ft.			ft.			
SEALING		· · · · · · · · · · · · · · · · · · ·		OPEI	VINGS						
								<u> </u>			
Make		SCREEN			ENINGS						
Johnson					10slo						
Diameter		. 1							1 [11		
2"	in.	in.			in.			in.			
Length 5'	ft.	ft.			ft.			ft.			
	OP FROM TOP O				14				1		
DATE		PUMP TES	T	TEOT		DNAAN					
DAIE				1521	UK PE	RWANE	NT PUMP				
DURATION O	OF TEST			MAXI	MUM D	SCHAR	GE		120		
	days		hours				gallon	s per min.	J	11	
STATIC LEVE	EL PRIOR TO TES	ST	in	LEVE	EL DUR		(IMUM PUMP				
MAXIMUM DF			in.	Appro	x fime	ft.	level after of p	in.			
			ft.			o, rotani	hours	min.			
		PUMPING INSTALLED			-						
TYPE		MAKE				MODE	NUMBER				
MOTIVE POW	VED.	MAKE		-		H.P.					
						n.e.					
Capacity	· · · · · · · · · · · · · · · ·	[· · · ·						
		g.p.m.a	gainst				ft. of discharg	e head			
NUMBEROF	BOWLS OR STAC	3E8	1								
		· · · · · · · · · · · · · · · · · · ·	I		•••		π. οτι	otal head		¥—-€	
									l le	┞_┼╼	⊢
	DROP LINE						ON LINE		5	- I '	
DIAMETER					DIAME	TER					
Length				in.	Length			in.			
				ft.	Longu	•		in.		X	
METHOD OF					USE C	F WATE	R				
Totory WORK START	cable too	ol o ther	Auger	r	Test					5	;
4/27/2011						LETED 7/2011				لجا ر	
DATE	DRILLER				-+/Z	1/2011	REGISTRAT	ON NO.	5	- II '	n 🛛
4/27/2011	1 Li	uis Velasquez					1854			F)
NOTE: OF									L 🖌 ,	↓	
and water lave	log of well materia	als encountered with dep	oth below	groun	d surfac	e water l	bearing beds				
		screen pump additional ons as to Well Driller's F					or interest.			L	
programe rebai		one as to well Dillers P	cyulation		reports.						





NEW YORK DEP	ARTMENT OF ENVIRONMENTAL CONSERVATION LATITU	
Gounty Suffolk MP	LONG 2011003% Well Nu	0
	PORT-LONG ISLAND WELL	20110038
OWNER		
Suffolk County Depar	tment of Health Services	Ground Surface
ADDRESS 360 Vanhank Ave: Su	ite 1C; Yaphank, New York 11980	
LOCATION OF WELL	ine TC, Taphank, New York 11960	ELFt. above sea
Calebs Path, Happaugue		ft.
Depth of Well Below Surface	Depth to Groundwater From Surface	TOP OF WELL
170' CAS	77.0'	
Diameter		
2" in. in.	in. in.	
Length 165' ft. ft.	ft. ft.	
SEALING	OPENINGS	
SCREI Make	EN TOPENINGS	
Johnson	10slot	
Diameter 2" in in in	······································	160'
2" in. in. in.	in. in.] [<u>-</u>]]]]
5' ft. ft.	ft. ft.	
DEPTH TO TOP FROM TOP OF CASING		
PUN	IP TEST	
DATE	TEST OR PERMANENT PUMP	
DURATION OF TEST	MAXIMUM DISCHARGE	
days	hours gallons per min.	
STATIC LEVEL PRIOR TO TEST	LEVEL DURING MAXIMUM PUMPING	
ft. MAXIMUM DRAWDOWN	in. ft. ir Approx. time of return level after of pumping	<u>.</u>
	ft. hours mi	n.
TYPE MAKE	MODEL NUMBER	
MOTIVE POWER MAKE	H.P.	
0		
Capacity	g.p.m.against ft. of discharge head	
NUMBER OF BOWLS OR STAGES	g.p.m.against ft. of discharge head	
	ft. of total head	
DROP LINE	SUCTION LINE	5' + -
DIAMETER	DIAMETER	
Length	in.	in.
Longer	Length ft.	in. n
	USE OF WATER	<u>~</u>
Cable tool	ther AUGER Test COMPLETED	s
5/2/2011	5/2/2011	
DATE DRILLER	REGISTRATION NO.	
5/2/2011 Luis Velasquez	1854	P
*NOTE: Show log of well materials encountered w	ith depth below ground surface water bearing beds	1 + +
and water levels in each casing screen pump add	itional pumping test and other matters of interest.	
Describe repair job.See instructions as to Well Dr	iller's Regulation and Reports.	



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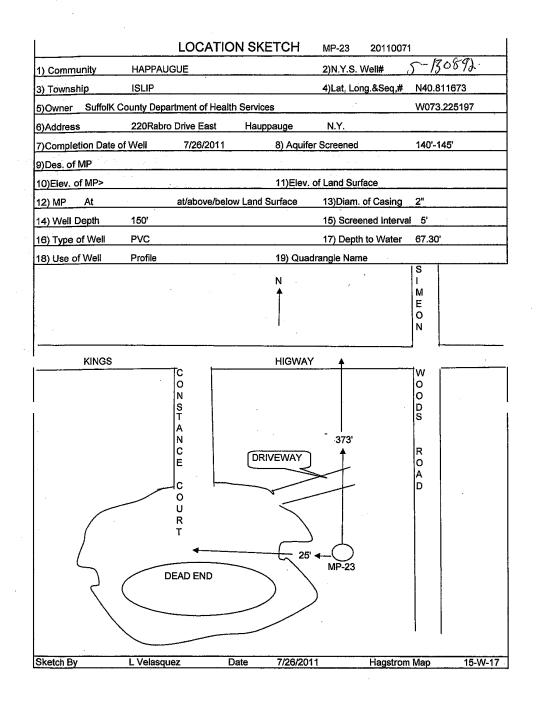
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	LOCAT	ION SKETCH	MP-22 20110	
1) Community	HAPPAUGUE		2)N.Y.S. Well#	5-13-489
3) Township	ISLIP		4)Lat, Long.&Seq,	# N40.807747
5)Owner SuffolK (County Department of He	ealth Services	<u> </u>	W073.233385
6)Address	220Rabro Drive East	Hauppauge	<u>N.Y.</u>	·· <u>····</u> ······························
7)Completion Date of	of Weli 5/2/201	1 8) Aquif	er Screened	160'-165'
9)Des. of MP				
10)Elev. of MP>	-	11)Elev	of Land Surface	······································
12) MPAt	at/above/b	elow Land Surface	13)Diam. of Casing	1 2"
14) Well Depth	170'		15) Screened Inter	val 5'
16) Type of Well	PVC		17) Depth to Wate	77'
18) Use of Well	Profile	19) Qua	drangle Name	
EXPRESS DRIVE	NORTH 495 WEST	A L E B S 599 P 17' A T 49 H SERVIC		
	· · ·			
Sketch By	L Velasquez	Date 5/2/201	1 Hagstro	m Map 15-W-17

,, "	NEW YORK DEPART	MENT OF E	NVIR	ONME	TAL CONSERVATION			0.811673			
County Suffol	lk MP-23	201	11007	1		Longitude		173.225	5197	``	
CO	MPLETION REPO	ORT-LO	DN	G IS		Well Number		<u>S-13</u>	_		
OWNER						<u> </u>	r –		13089 og	<u> </u>	
ADDRESS Suffe	olk County Departme	ent of He	ealth	<u>ı Se</u> r	vices		Gro	und Surf			
	Yanhank Ave: Suite		hor	ste NL			1			i	
LOCATION OF WELL	Yaphank Ave; Suite	ic, rap	mar	IK, INE	ew York 11980		ELFt. above sea				
Constance court, I											
Depth of Well Below Su 150'	Inface			oundwa	ter From Surface			TOP C	OF WEL	.L	
150	CASING	67.30)' 			······································				ΤI	
Diameter	······································										
2" in.	in.	in. in.									
145' ft.	ft.	ft. ft.									
SEALING			OPEN	VINGS					· ·		
	SCREEN										
Make	JOREEN	· · ·	JOPE	NINGS						.	
Johnson Diameter				10sl	<u>ot</u>						
2" in.	in.			in.	•			140'			
Length	· · · · · · · · · · · · · · · · · · ·			01.		n.	λ.,	└╌┱┻┛╿		[·]	
5' ft. DEPTH TO TOP FROM	TOP OF CASING			ft.	f	t.					
		[· .					<u>∤</u>	
DATE	PUMP TE										
JATE		דן	EST	OR PE	RMANENT PUMP						
JURATION OF TEST	·····		AXIN		SCHARGE	<u></u>	150	,			
d	ays	hours			gallons	permin.	100				
ft.	1	in.	LEVE		NG MAXIMUM PUMPIN ft.				1		
AXIMUM DRAWDOWN	· · · · · · · · · · · · · · · · · · ·		ррго		of return level after of pur	in. niping					
	DUMPING INSTALLET	ft. i			hours	min.					
YPE	PUMPING INSTALLED	<u> </u>			MODEL NUMBER				1		
					MODEL NUMBER		Í				
NOTIVE POWER	MAKE				H.P.						
apacity	<u>i</u>				· · · · · · · · · · · · · · · · · · ·						
	g.p.m.	against			ft. of discharge I	heed					
UMBER OF BOWLS OF	R STAGES	1			ta er uteenange	icau .					
					ft. of tota	l head		↓	<u>s</u>		
								╧╧┼	- c		
DROP LIN	IE			·······	SUCTION LINE			5'			
		1	in.	DIAME	TER			11	•		
ength	······································		_	Length		<u>in.</u>		1+	n		
ETHOD OF DRILLING	·····	ft	.	-		in.			<u> </u>		
rotory Cat	ole tool	Auger		USE OF Test	WATER						
ORK STARTED			(ETED		1		s		
7/26/2011 ATE DRILLER	· · · · · · · · · · · · · · · · · · ·	7/26/20)11					5	u m		
7/26/2011	Luis Velasquez				REGISTRATION	NO.		┕┯┯┛╽	p		
	-				1854		1		'		
i∪i ⊏: Show log of well m id water levels in each or	naterials encountered with dep	oth below gro	ound	surface	water bearing beds						
escribe repair job.See ins	ising screen pump additional tructions as to Well Driller's F	pumping tes	t and	other n	natters of interest.			L.			
, ,	the de to vven brind S h	seguration al	iu re	pons.							

	SKETCH OF	LOCATION		
		N	s	4
		1		4
			M E	
			ō	
			N	
		·	<u> </u>	
	KINGS	HIGWAY	w o	
			ŏ	
		· · · · · · · · · · · · · · · · · · ·	D	
	373'		S	
S R			R	
т т			o	
A 🗲	25' •		A	
N	MP-23 showing distance from corner	and front of lot	D	
CE	Showing distance from corner Show	North Point		
·				
Check TH	E TOWN IN WHICH THE PRO	JECT IS LOCATED:		
NASSU C				
Hemps		tead Oyster Bay		a di serie de la companya de la companya de la companya de la companya de la companya de la companya de la comp
				• •
Suffolk Co				
Babylo	n Brookhaven	East Hampton	n	
Huntin	gton Islip	Riverhead		
	r Island Smithtown	Southampto	n	
Southe	bld			
	Latitude N40.811673			
	Longitude W073.225197			

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	MENT OF ENVIRONME	NTAL CONSERVATION		N40.81111		
County Suffolk MP-24	20110072		Longitude Well Number	5-1	13443 36893	
COMPLETION REPO	ORT-LONG IS				S-130893	-
OWNER	· · · · · · · · · · · · · · · · · · ·				LOG	7
Suffolk County Departme	ent of Health Se	rvices		Ground Su	Inface	
360 Yaphank Ave; Suite	1C; Yaphank, N	lew York 11980		ĒL,	Ft. above sea	
LOCATION OF WELL	· · ·					- ·
Simeon woods road, Happaugue	Depth to Groundw	ater From Surface		TOP	P OF WELL	-
150'	67.35'		•			
CASING Diameter						
2" in. in.	in		in.			ан. Тара
Length 145' ft. ft.	ft.	1	ft.			
SEALING	OPENING		1.			
÷ .	I					
Make SCREEN	OPENING	SS				
Johnson	10:	slot	,			
Diameter 2" in. in.	in.	1	in.	140'		
Length			·····			
5' ft. ft. ft. ft. ft. ft. ft. ft. ft. ft.	ft.		ft.			
		· · · · · · · · · · · · · · · · · · ·	а алар а			
DATE PUMP TE		PERMANENT PUMP				
	TESTOR					
DURATION OF TEST		DISCHARGE	- · ·· · - · · · · · · · · · · · · · ·	150'		
days STATIC LEVEL PRIOR TO TEST	hours	galion IRING MAXIMUM PUMP	s per min. NG			
<u> </u>	in.	ft.	in.			
MAXIMUM DRAWDOWN	ft.	e of return level after of p hours	umping min.			
PUMPING INSTALLE		nours	rinin.			
TYPE MAKE		MODEL NUMBER				
NOTIVE POWER MAKE		H.P.				
	<u> </u>					
Capacity	against	ft. of discharg	e head			
NUMBER OF BOWLS OR STAGES	,	It. of discharg	eneau			
		ft. of t	otal head	¥	s	
					╶╢─╺──┤	
DROP LINE		SUCTION LINE		5'		
DIAMETER	in.	METER	in.		e	
Length	Leng	yth		↓	n l	
VETHOD OF DRILLING	ft.	OF WATER	in.	🛉		
] rotory Cable tool other	Auger Tes				s	
NORK STARTED	CON	APLETED			_ u	
7/27/2011 DATE [DRILLER	7/27/2011	REGISTRAT	ON NO.	5'	m	
7/27/2011 Luis Velasquez		1854			_ p	
NOTE: Show log of well materials encountered with d	epth below around our	ace water bearing body		_ ↓ ↓		
and water levels in each casing screen pump additional						1
Describe repair job.See instructions as to Well Driller's					L	

17 a	SKETCH OF LOC N ▲		S M H O N	• •
	KINGS	HIGWAY	w o o	 ↑
C C O O N U S R T T A N C showing o E	listance from corner and front Show North Po	of lot.	D S R O A D	5/7/ 7. MP-24
Check THE TOWN I NASSU COUNTY	WHICH THE PROJECT IS	LOCATED:		
Suffolk County	Brookhaven	East Hampton		
Huntington	Islip	Riverhead		
Shelter Island	Smithtown	Southampton		
Southold				
Latitude Longitude	N40.811113 W073.223443			

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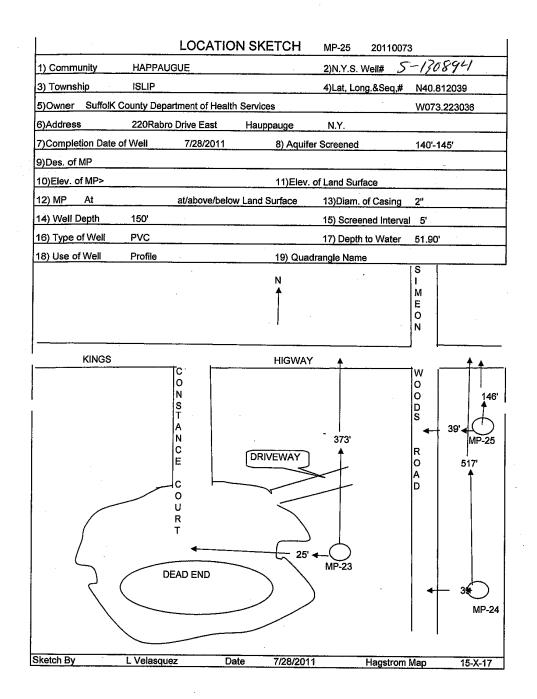
LOCATION SKETCH MP-24 20110072 5-130893 2)N.Y.S. Well# HAPPAUGUE 1) Community 3) Township ISLIP 4)Lat, Long.&Seq,# N40.811113 5)Owner Suffolk County Department of Health Services W073.223443 <u>N.Y.</u> 6)Address 220Rabro Drive East Hauppauge 140'-145' 7)Completion Date of Well 7/27/2011 8) Aquifer Screened 9)Des. of MP 10)Elev. of MP> 11)Elev. of Land Surface 2" 12) MP At at/above/below Land Surface 13)Diam. of Casing 14) Well Depth 150' 15) Screened Interval 5' PVC 17) Depth to Water 67.35' 16) Type of Well 18) Use of Well Profile 19) Quadrangle Name S Ν 1 М 4 Е 0 N KINGS HIGWAY W CONSTANCE 000 D S • 373' R DRIVEWAY O A D 517 С 0 U R T 25' ┥ MP-23 DEAD END 34 MP-24 Sketch By L Velasquez Date 7/27/2011 Hagstrom Map 15-X-17

. •			VUNIVIENTAL CONSERVATION		1840.01203				
County Suffolk	MP-25	201100		Longitude Well Number		3036 13089	24		
COMP	LETION REPO	ORT-LON	G ISLAND WELL			S-1308			
OWNER					T 1	OG	<u> </u>		
ADDRESS	County Departme	ent of Healt	h Services		Ground Sur	face			
360 Yap	hank Ave; Suite	1C; Yapha	nk, New York 11980		EL.	Ft. above	sea		
LOCATION OF WELL									
Simeon woods road, Ha Depth of Well Below Surface		Depth to G	roundwater From Surface			ft			
150'		51.90'	Ioundwater From Sunace	-		OF WELL	-		
	CASING					1			
Diameter 2" in.	in.		in.	:	1				
Length				in.					
145' ft.	ft.	ft.		1 ľ					
SEALING		OPE	ININGS	-					
······································	SCREEN								
Make		JOP	ENINGS	· · · ·					
Johnson Diameter		<u> </u>	10slot						
2" in.	in.	÷	in.	in.	140'				
Length			······			1	1		
5' ft. DEPTH TO TOP FROM TOP	ft.		ft	ft.					
DATE	PUMP TE								
DATE	TEST OR PERMANENT PUMP								
DURATION OF TEST		МАХ	IMUM DISCHARGE		150'				
days	<u>ет</u>	hours	galions	per min.					
ft.	-01	in.	EL DURING MAXIMUM PUMPI						
MAXIMUM DRAWDOWN			ox. time of return level after of p	in. umping					
		ft.	hours	mín.					
ГҮРЕ	PUMPING INSTALLE	<u> </u>	MODEL NUMBER						
			WODEL NOMBER						
NOTIVE POWER	MAKE		H.P.						
Capacity		· · · ·							
	a.p.m	against	ft. of discharge	bead					
VUMBER OF BOWLS OR STA	AGES								
			ft. of to	tal head			1		
						6-			
DROP LINE			SUCTION LINE		5'	┝╌┲╼┤╵			
DIAMETER			DIAMETER		$ \top$	e			
ength		in.	Length	. in.		e l			
		ft.		in.	🗶	n			
METHOD OF DRILLING	· · · · · · · · · · · · · · · · · · ·		USE OF WATER		I T				
rotory cable to	ool other	Auger	Test COMPLETED			s			
7/28/2011		7/28/2011			5	u			
DATE DRILLER			REGISTRATIC	DN NO.	╎└╷┘	m			
7/28/2011 L	uis Velasquez.		1854	1		р			
NOTE: Show log of well mater	ials encountered with de	pth below aroun	d surface water bearing beds	—— <u> </u>	<u>↓</u> ↓				
and water levels in each casing	screen pump additional	pumping test ar	nd other matters of interest.				ļ		
Describe repair job.See instruct	ions as to Well Driller's	Regulation and I	Reports.			L			

6			SKETCH OF	LOCATIO	ON			r
				N ↑		S I M E O N		
			KINGS		HIGWAY	W O O	↑	
	C C O U R T ST ST A N C E	nowing d	istance from corner a Show N	and front of lo l orth Point	t.	D S R ◀ O A D	146' 4 7' ← MP-25	
	Check THE T NASSU COU	NTY	North Hempste		ATED:			2 1 - 1 2
	Suffolk Coun	ity	Brookhaven		East Hampton			· ·
		'n	Islip		Riverhead			
	Shelter Is	land	Smithtown		Southampton			
	Southold				•			
		titude ngitude	N40.812039 W073.223036					

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۰ ۲		NEW YORK DEPARTN	ENT OF ENVIR	RONMEN	TAL CONSERVATION			0.813			m (21 ⁰
County	Suffolk	MP-26	201100	74		Longitude Well Number		_	222728 -]]084	7	maq	1
		ETION REPO				wen wunder		<u> </u>	S-130		- `	
OWNER									LOG	555	7	
4000	Suffolk C	ounty Departme	nt of Healt	h Ser	vices		Gro	und §	Surface			
ADDRESS	360 Yanh	ank Ave; Suite	IC: Vanha	nk N	w Vork 11090							
LOCATION OF	FWELL	ank Ave, Suite	io, rapila	IN, IN	EW TOIK TIEOU		EL.		Ft. abov	e sea	1	
Simeon woo	ods road, Ha	ppaugue			· · · · · · · · · · · · · · · · · · ·					ft.		
Depth of Well i 140'	Below Surface			roundwa	ter From Surface			TC	P OF WEL	Ļ	1	
140		CASING	38.70'					• 1		1 - A		
Diameter	• - 1											
2" Length	in.	in.		in.		in.	1.1		te de			
135'	ft.	ft.		ft.		ft.				1.1		
SEALING			OPE	NINGS			·					· .
		SCREEN		· · · · <u>-</u>								
Make			OF	ENING	s							
Johnson Diameter	······			10s	ot							
2"	in.	in.		in.		in.		130), l	Ì.		
Length	<u>а</u>	e										
5' DEPTH TO TO	ft.			ft.		ft.						
		· · · · · · · · · · · · · · · · · · ·			1	a sin						
DATE		PUMP TE			RMANENT PUMP	·						
											ĺ	
DURATION OF				IMUM D	ISCHARGE	<u> </u>	14	<u>, i</u>			Í	
STATIC LEVEL	days PRIOR TO TE	ST	hours LEV	EL DUR	gallons	per min. IG	2.02					
	ft.		in.		ft.	in.						
MAXIMUM DRA	AWDOWN		ft.	ox. time	of return level after of pu							
		PUMPING INSTALLED			hours	min.						
TYPE		MAKE			MODEL NUMBER							
MOTIVE POWE	-B	MAKE			Н.Р.		1					
					n.r.							
Capacity												
NUMBER OF B	OWLS OR STA		against		ft. of discharge	head			Í			
					ft. of to	tal head		Ļ	, _			
								Ť				
<u> </u>	DROP LINE				SUCTION LINE			5'	╶╢╌┍──			
DIAMETER				DIAM				Т	e			
ength			in.	l	···	in.			e	' I		
.ength			ft.	Lengt	1	in		, X	n			
VETHOD OF D	RILLING			USEC	F WATER	in.		Ī				
] rotory NORK STARTE	Cable to	oi S other	Auger	Test	LETED				s			
8/1/2011			8/1/2011					5	ᅴ 빌			
	DRILLER				REGISTRATIO	N NO.		Ľ	_ _m	- 1		
8/1/2011	L	uis Velasquez			1854				p			
NOTE: Show lo	g of well materi	als encountered with de	oth below grour	d surfac	e water bearing beds		•	•				
ind water levels	in each casing	screen pump additional	pumping test a	nd other	matters of interest.							
Jescribe repair	job.See instructi	ons as to Well Driller's I	Regulation and	Reports.					لــــــــــــــــــــــــــــــــــــ			

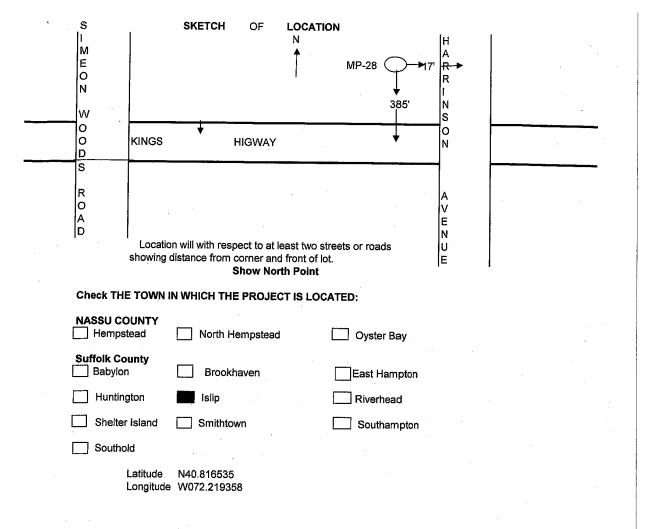
n	-		SKETCH (OF LOCATI	ON		_	÷.
			•	N ↑		S I ◀── M E O N	MP-26 41' ← 233'	
, <u>, , , , , , , , , , , , , , , , , , </u>			KINGS	· · · · · · · · · · · · · · · · · · ·	HIGWAY	w o o	· ·	
<u> </u>	C C O U R T O N S T A N C E	showing d	listance from corr Sho	ner and front of l	ot.	D S O A D		
	Check THE		N WHICH THE PI	ROJECT IS LO	CATED:			
	NASSU CC		North Hem	pstead	Oyster Bay			
	Suffolk Co		Brookhav	en	East Hampton			•
	Hunting	gton	Islip		Riverhead			
	Shelter	Island	Smithtown		Southampton			
	Southo	old			1. A.			
		Latitude Longitude	N40.813076 W073.222728		• •			

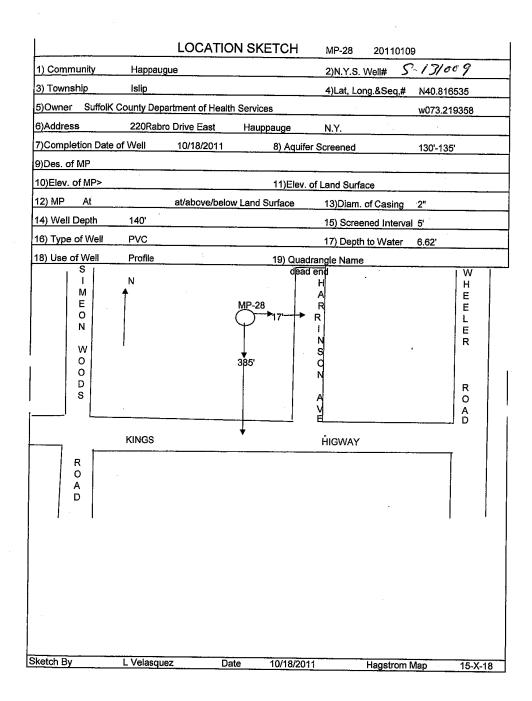
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LOCATION SKETCH 20110074 MP-26 5-130895 1) Community HAPPAUGUE 2)N.Y.S. Well# ISLIP 4)Lat, Long.&Seq,# N40.813076 3) Township W073.222728 5)Owner SuffolK County Department of Health Services 220Rabro Drive East Hauppauge N.Y. 6)Address 130'-135' 7)Completion Date of Well 8/1/2011 8) Aquifer Screened 9)Des. of MP 11)Elev. of Land Surface 10)Elev. of MP> 2" at/above/below Land Surface 13)Diam. of Casing 12) MP At 14) Well Depth 140' 15) Screened interval 5' PVC 17) Depth to Water 38.70' 16) Type of Well Profile 18) Use of Well 19) Quadrangle Name MP-26 s Ν L М Е 0 N 233' HIGWAY KINGS W ĨC O N S T 00000 146' 39' A N C E -373 MP-25 R O A D DRIVEWAY 517' С O U R T 25' ┥ MP-23 DEAD END MP-24 L Velasquez Date 8/1/2011 Hagstrom Map 15-X-17 Sketch By

•		NEW TORK DEFARIN			AL CONSERVATION	Lautude	N40.010		
County	Suffolk	MP-28	201101	09		Longitude Well Numbe	1. SP-	219358 / 3/ 00	9
	COMPL	ETION REPO	RT-LON	G ISL	AND WELL			S-131009	
OWNER				- 14 			Т	LUG	́ ¬
ADDRESS	SUTTOIK CO	ounty Departme	nt of Health	Servi	ices		Ground	Surface	
	360 Yaph	ank Ave; Suite 1	IC; Yaphar	k, Ne	w York 11980		EL.	Ft. above	esea
LOCATION O	FWELL								
	/e, Happaugue Below Surface	<u> </u>	Depth to Gro	oundwate	r From Surface			OP OF WEL	ft
140'				6.62				A .	
Diameter		CASING]		
2"	in.	in.	in.						
Length 135'	ft.	ft.	ft.						
SEALING			OPE	ft. NINGS	· · · · · · · · · · · · · · · · · · ·	11.			
•		6ABEEN					1		
Make		SCREEN	OPI	ININGS					
Johnson Diameter		·	<u> </u>	10sl	ot				
2"	in.	in.		in.		in.	13	0'	
Length	<u>a</u>				· · · · · · · · · · · · · · · · · · ·		1		
5' DEPTH TO TO	ft. OP FROM TOP O	ft.	· · · · ·	ft.		ft.		-	
			· .						
DATE		PUMP TES		OR PER		<u> </u>			
200220000									
DURATION O	days		hours	MUM Dis	SCHARGE	s per min,	140'		
STATIC LEVE	L PRIOR TO TES	ST	LEVE	L DURI	NG MAXIMUM PUMPIN	G G			
	ft.		in.	v time o	ft. f return level after of pu	in.			
			ft.	. unie u	hours	min.			
TYPE		PUMPING INSTALLED MAKE)						
		WARE			MODEL NUMBER				
VOTIVE POW	ER	MAKE			H.P.				
Capacity	· · · · · · · · · · · · · · · · · · ·	<u> </u>							
			against		ft. of discharg	e head			
NUMBER OF E	BOWLS OR STAC	GES	1			atal baad			
						otal head			
		<u>.</u>					5	╘╌┓╞╼┻╾┥	
DIAMETER	DROP LINE			DIAME	SUCTION LINE			┍┙┝╌┳╾┥	
			in.			in.		e	
.ength	•	,	ft.	Length	1			n	
NETHOD OF D	RILLING	·	<u> </u>	USEC	OF WATER	in.			
] rotory NORK START	cable too	other	Auger		LETED			S	
10/17/2011			10/18/201				5		
DATE 10/18/2011	DRILLER				REGISTRATI	ON NO.		m p	
10/18/2011		uis Velasquez			1854			 "	
NOTE: Show I	og of well materia	als encountered with dep	pth below groun	d surface	water bearing beds		* 1	<u>'</u>	
and water level	s in each casing s	screen pump additional ons as to Well Driller's F	pumping test ar	d other r	natters of interest.				
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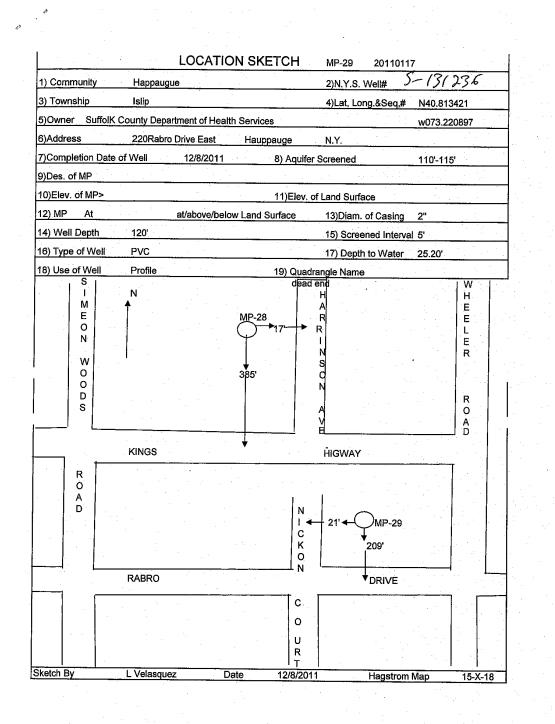




114

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OWNER									LOG	-	Mass
	Suffolk Co	ounty Departme	nt of He	ealth S	Servi	ces		Ground			
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	Shelte	r Island	Smithtown		s	Southampton				
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OWNER						· ·		Т		LOG	magain
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> LOCATION SKETCH MP-30 20120008 1) Community Happaugue 2)N.Y.S. Well# 5-131237 3) Township Islip 4)Lat, Long.&Seq,# N40.812929 5)Owner SuffolK County Department of Health Services w073.220802 220Rabro Drive East 6)Address Hauppauge N.Y. 7)Completion Date of Well 1/23/2012 8) Aquifer Screened 110'-115' 9)Des. of MP 10)Elev. of MP> 11)Elev. of Land Surface 12) MP At 13)Diam. of Casing at/above/below Land Surface 2" 14) Well Depth 120' 15) Screened Interval 5' 16) Type of Well PVC 17) Depth to Water 29.34' 18) Use of Well Profile 19) Quadrangie Name S I dead end W N Н Н M E A R Е MP-28 Е 0 R L Ν Ε R W s 00 385 С D S R 0 AD KINGS **ĤIGWAY** R 0 А D Ν MP-29 1 -C K O a٨ MP-30 26 66 Ν RABRO DRIVE С о U Ř L Velasquez Sketch By Date 1/23/2012 Hagstrom Map 15-W-18

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OWNER						······				LOG		mag	
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LOCATION O	F WELL				.,		· · · · ·				e sea		
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DATE		PUMP TE	ST	TEST		MANENT PUMP							
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*NOTE: Show	log of well materia	is encountered with de	pth below	around	surface	water bearing beds		L ↓					
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Describe repair	r job.See instructio	ons as to Well Driller's	Regulation	n and Re	ports.						·]		

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1) Community	Happaugu	e			2)N.Y.S.	Neli#	S-131	238
3) Township	Islip				4)Lat, Lor	ng.&Seq,#	N40.814	013
5)Owner SuffolK	County Depar	tment of Healt	h Services				w073.32	20887
6)Address	220Rabro	Drive East	Hauppa	ige	N.Y.			
7)Completion Date	of Well	1/24/2012	8) Aquifer (Screened		90'-95'	
9)Des. of MP	<u>.</u>							
10)Elev. of MP>			1	1)Elev. of	Land Surfa	ce		
12) MP <u>At</u>		at/above/belo	w Land Sur	face	13)Diam.	of Casing	2"	
14) Well Depth	100'				15) Scree	ned Interva	al 5'	
16) Type of Well	PVC				17) Depth	to Water	20.55'	
18) Use of Well	Profile		1	9) Quadra dead e	ngle Name			TW I
I MEON WOODS			MP-28 385'	7'			•	H E E R R O A D
R O A D	KINGS RABRO				HIGWAY	MP-31 42' MP-29 194' MP-30 106' ' DRIVE		
Sketch By	L Velasque	z Di	ate	R T 1/24/2012		Hagstrom	n Map	15-W-1

Appendix D: Technical Data: RI & IRM, 1735 Express Drive North



Engineering and Environmental Science

FPM Group, Ltd. FPM Engineering Group, P.C. *formerly* Fanning, Phillips and Molnar CORPORATE HEADQUARTERS 909 Marconi Avenue Ronkonkoma, NY 11779 631/737-6200 Fax 631/737-2410

VIA EMAIL

December 4, 2015

Mr. Brian Jankauskas NYSDEC Division of Environmental Remediation 625 Broadway Albany, NY 12233-7016

Re: Remedial Investigation Data Transmittal 1735 Express Drive North, Site #C152238 1735 Express Drive North, Hauppauge, New York FPM File No. 894-14-05

Dear Brian:

FPM Group (FPM) is hereby transmitting this interim report for the groundwater data obtained during the Remedial Investigation (RI) at the above-referenced site. This transmittal includes copies of the lab reports, summary data tables, and a site plan showing the sampling locations. This transmittal does not include a full discussion of sampling procedures, quality assurance/quality control, data usability, or other details; this information will be detailed in the RI Report.

Groundwater sampling was performed in September 2015 at four onsite wells (MW-1 through MW-4) and eight offsite wells (MP-3, MP-4, MP-5, MP-12, MP-13, MP-14, MP-25, and MP-26) to evaluate current groundwater conditions at the site and downgradient. Samples were collected and managed in accordance with the procedures in the approved RI Work Plan. The data are summarized in Tables 1 and 2; the locations are shown on the attached figure along with the corresponding well screen depth and total VOC concentration detected.

A summary of previous sampling locations and the current status of monitoring wells related to the site is shown on Table 3. Monitoring wells that have been confirmed present are shaded. Sampling locations that are not shaded were either temporary well locations or have not been located as of this transmittal.

Should you have any questions please feel free to contact us at (631) 737-6200.

Sincerely,

Jun S Bach

John S. Bukoski Environmental Scientist Project Manager

RITC

Ben T. Cancemi Senior Hydrogeologist Department Manager

JSB/BTC:tac Enclosures

cc: James Maggio

S:\Maggio\RI\Data\\NYSDEC data transmittalDEC2015.Docx

FPM

TABLE 1 GROUNDWATER MONITORING RESULTS - ONSITE WELLS 1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

Sample Location				MW-1				NYSDEC Class GA Ambient Water Quality
Sample Date	1/17/08	5/9/08	10/8/08	3/19/09	5/25/11	10/21/11	9/18/15	Standards
Volatile Organic Compounds i	n μg/l					•		
1,1,1-Trichloroethane	ND	170	200	29	27	96	16	5
1,2,4-Trimethylbenzene	ND	17	ND	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.42 J	ND	ND	5
1,1-Dichloroethane	ND	ND	16	ND	3.8 J	15	3.3	5
1,1-Dichloroethylene	ND	ND	ND	ND	1.7 J	4.6 J	2.4	5
Chloroform	ND	ND	ND	ND	ND	ND	0.53 J	5
cis-1,2-Dichloroethylene	ND	230	ND	110	120	370	73	5
trans-1,2-Dichloroethylene	ND	ND	6	ND	2.4 J	8.0	1.4	5
Ethylbenzene	ND	22	ND	ND	1.0 J	ND	ND	5
Methylene chloride	ND	ND	ND	ND	ND	5.8 JB	ND	5
Xylene (total)	ND	81	20	ND	5.0 J	ND	ND	5
Tetrachloroethene	1,100	130	150	37	26	66	13	5
Toluene	ND	7	ND	ND	0.55 J	ND	ND	5
Trichloroethylene	ND	210	68	10	15	47	8.4	5
Total VOCs (rounded)*	1,100	867	460	186	203	607	118	-

Notes:

ND = Not Detected

NYSDEC = New York State Department of Enviromental Conservation

Bold and shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

 $\mu g/I = micrograms per liter$

* = Excludes suspected lab contamination (methylene chloride).

TABLE 1 CONTINUED GROUNDWATER MONITORING RESULTS - ONSITE WELLS 1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

Sample Location			MW-2S					MW-2I					MW-2D			NYSDEC Class GA
Depth (feet below grade)			85-87					95-97					105-107			Ambient Water
Sample Date	6/17/10	1/5/11	5/25/11	10/21/11	9/28/15	6/17/10	1/5/11	5/25/11	10/21/11	9/28/15	6/17/10	1/5/11	5/25/11	10/21/11	9/28/15	Quality Standards
Volatile Organic Compound	ls in µg∕l															
1,1,1,2-Tetrachloroethane	ND	ND	1.0 J	ND	ND	ND	ND	0.80 J	ND	ND	ND	ND	ND	ND	ND	5
1,1,1-Trichloroethane	72	100	220 J	23	0.60 J	51	160	150 J	31	13 J	19	8.8	27	ND	ND	5
1,1,2,2-Tetrachloroethane	ND	ND	0.81 J	ND	ND	ND	ND	0.76 J	ND	ND	ND	ND	ND	ND	2.5 J	5
1,1,2-Trichloroethane	ND	ND	3.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
1,1-Dichloroethane	7.5	ND	17	1.7 J	ND	5.3	ND	17	2.0 J	ND	1.9 J	ND	1.2 J	ND	ND	5
1,1-Dichloroethylene	ND	ND	5.4	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichlorobenzene	ND	ND	1.0 J	ND	ND	ND	ND	1.6 J	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	1.3 J	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	5
1,3-Dichlorobenzene	ND	ND	0.48 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,4-Dichlorobenzene	ND	ND	0.96 J	ND	0.34 J	ND	ND	0.85 J	ND	ND	ND	ND	ND	ND	ND	5
Carbon tetrachloride	ND	ND	2.2 J	ND	ND	ND	ND	2.2 J	ND	ND	ND	ND	ND	ND	ND	5
Chloroform	2.5 J	ND	5.8	ND	0.26 J	1.9 J	ND	5.6	ND	ND	1.3 J	ND	0.43 J	ND	ND	7
cis-1,2-Dichloroethylene	190	140	470	70	9.8	140	500	370	76	99	48	24	25	ND	69	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	28 J	ND	ND	ND	ND	ND	ND	ND	ND	5
Methylene chloride	5.0 JB	3.8 JB	ND	8.6 JB	ND	4.6 JB	4.6 JB	ND	9.0 JB	ND	4.4 JB	1.9 JB	ND	1.5 JB	ND	5
Naphthalene	ND	ND	0.54 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
o-xylene	ND	20 J	1.4 J	ND	ND	ND	69 J	5.3	ND	ND	ND	ND	0.97 J	ND	ND	5
p&m-xylenes	ND	28 J	0.65 J	ND	ND	ND	120 J	ND	ND	ND	ND	ND	ND	ND	ND	5
Tetrachloroethene	300	1,900	2,300	180	190	170	2,800	1,700	400	4,200	89	220	330	1.1 J	1,200	5
Toluene	ND	46 J	0.45 J	ND	ND	ND	89 J	0.35 J	ND	ND	ND	ND	ND	ND	ND	5
trans-1,2-Dichloroethylene	1.9 J	ND	12	1.0 J	ND	1.4 J	ND	12	1.5 J	ND	2.6 J	ND	0.84 J	ND	ND	5
Trichloroethylene	380	750	1,300	100	37	220	1,600	990	150	230	110	120	130	ND	94	5
Total VOCs (rounded)*	954	2,984	4,344	376	238	590	5,366	3,263	661	4,542	272	373	515	1.1	1,365	-

Notes:

ND = Not Detected

NYSDEC = New York State Department of Environmental Conservation

Bold and shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

 $\mu g/I = micrograms per liter$

* = Excludes suspected lab contamination (methylene chloride).

TABLE 1 CONTINUED GROUNDWATER MONITORING RESULTS - ONSITE WELLS 1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

Sample Location	MV	V-3	M	N-4	NYSDEC Class
Depth (feet below grade)	85-87	100-102	85-87	100-102	GA Ambient Water
Sample Date		9/2	B/15		Quality Standards
Volatile Organic Compound	s in µg/l				
1,1,1-Trichloroethane	3.3	12	ND	ND	5
1,1,2,2-Tetrachloroethane	ND	0.59 J	ND	ND	5
1,1,2- Trichloroethane	ND	0.90 J	ND	ND	1
1,4-Dichlorobenzene	ND	ND	0.78 J	0.57 J	5
Acetone	ND	ND	24 *	ND	50
Chloroform	ND	0.71 J	ND	ND	7
cis-1,2-Dichloroethene	25	76	0.98 J	0.35 J	5
Methylene Chloride	ND	ND	ND	ND	5
Tetrachloroethene	410	700	250	130	5
trans-1,2-Dichloroethene	ND	1.4 J	ND	ND	5
Trichloroethene	35	96	11	5.2	5
Total VOCs (rounded)*	473	888	263	136	-

Notes:

ND = Not Detected

NYSDEC = New York State Department of Environmental Conservation

Bold and shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

 $\mu g/I = micrograms per liter$

* = Excludes suspected lab contamination (methylene chloride and acetone).

TABLE 2GROUNDWATER MONITORING RESULTS - OFFSITE WELLS1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

Sample Location	MP-3	M	D-4	MP-5	MP-12	MP-13	MP-14	MP-25	MP-26	NYSDEC Class
Depth (feet below grade)	100-105	100-105	110-115	120-125	100-105	100-105	100-105	60-65	90-95	GA Ambient Water Quality
Sample Date	9/18/15	9/18/15	9/18/15	9/18/15	9/18/15	9/28/15	9/28/15	9/18/15	9/28/15	Standards
Volatile Organic Compounds in µ	g/l									
1,1,1-Trichloroethane	ND	1.3	7.5	2.8	ND	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	0.49 J	ND	ND	ND	ND	ND	ND	5
1,1- Dichloroethane	ND	ND	1.0	0.30 J	ND	ND	ND	ND	ND	5
1,1- Dichloroethene	ND	ND	0.72 J	ND	ND	ND	ND	ND	ND	5
Chloroform	ND	ND	0.73 J	0.36 J	ND	ND	ND	0.57 J	ND	7
Dichlorobromomethane	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND	5
cis-1,2-Dichloroethene	ND	9.1	63	15	ND	0.34 J	ND	ND	ND	5
Tetrachloroethene	0.57 J	45	230	63	ND	1.6	ND	0.58 J	ND	5
trans-1,2-Dichloroethene	ND	ND	0.51 J	ND	ND	ND	ND	ND	ND	5
Trichloroethene	0.53 J	27	160	48	ND	2.2	ND	0.53 J	ND	5
Total VOCs (rounded)*	1	82	464	129	0	4	0	2	0	-

Notes:

ND = Not Detected

NYSDEC = New York State Department of Enviromental Conservation

Bold and shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

µg/l = micrograms per liter

TABLE 3 Well Inventory 1735 Express Drive North

Well	Relative TOC Elevation	DTW AUG 2015	Well Screen Interval	Relative Groundwater Elevation	Total VOCs (ppb) detected during prior offsite investigation	Total VOCs (ppb) 2015	Sampled 2015
MW-1	150	82.76	85-87	67.24		118	Х
MW-2	151.15	84.16	85-87	66.99		238	Х
			95-97			4,542	Х
			105-107			1,365	Х
MW-3	151.71	84.75	85-87	66.96		473	Х
			100-102			888	Х
MW-4	151.55	84.50	85-87	67.05		263	Х
			100-102			136	Х
MP-1	166.04	100.00	100-105	66.04	0		
			110-115		0		
			120-125		1.7		
			130-135		4.6		
			140-145		6.2		
MP-2	163.75	97.80	100-105	65.95	1.4		
			110-115		16.5		
			120-125		35.9		
			130-135		6.5		
			140-145		3		
			150-155		6.2		
			160-165		1.6		
MP-3	161.5	95.44	100-105	66.06	26.9	1	Х
			110-115		627.5		
			120-125		303.4		
			130-135		0		
			140-145		51.1		
			150-155		0.7		
			160-165		0.5		
MP-4	158.35	92.42	95-100	65.93			
			100-105		10,867.8	82.0	Х
			110-115		11,839	464	Х
			120-125		349		
			130-135		16.3		
			140-145		5.3		
			150-155		1.9		
			160-165		41		
MP-5	155.65	89.75	90-95	65.90	35.3		
			100-105		84.8		

			110-115		4,819	
			120-125		3,569	129
			130-135		326	
			140-145		2.3	
			150-155		1.6	
			160-165		31	
MP-6	150.98	85.17	90-95	65.81	4.1	
			100-105		10.6	
			110-115		8.9	
			120-125		173.6	
			130-135		731	
			140-145		113.9	
			150-155		0	
			160-165		0.5	
MP-7			90-95		254.9	
	147.55	81.85	100-105	65.70	558	
			110-115		149.1	
			120-125		0	
			130-135		0	
			140-145		0	
			150-155		0	
			160-165		0.7	
MP-8			80-85		11.9	
			90-95		47.8	
	145.67	80.02	100-105	65.65	44.7	
			110-115		65.2	
			120-125		133.3	
			130-135		101.2	
			140-145		3.7	
			150-155		0	
			160-165		0.6	
MP-9			80-85		0.5	
			90-95		74	
			100-105		102	
			110-115		0.5	
			120-125		0	
			130-135		0	
			140-145		4	
			150-155		9.5	
			160-165		7.7	
			80-85		12	
MP-10			00.00			
MP-10			90-95		178	
MP-10	140.34	74.98		65.36	178 213	
MP-10	140.34	74.98	90-95	65.36		
MP-10	140.34	74.98	90-95 100-105	65.36	213	

Х

			140-145		13.8		
			150-155		12.7		_
MP-11	138.38	74.90	80-85	63.48	136.9		
			90-95		269		
			100-105		50.6		
			110-115		93.8		
			120-125		8.9		
			130-135		1.1		
			140-145		4.5		
			150-155		8		-
MP-12	157.78	92.50	100-105	65.28	7.7	0	2
			110-115		55.4		
			120-125		1,138.6		
			130-135		2,907		
			140-145		46		
			150-155		6		
			160-165		2		-
MP-13			100-105		46	4	2
			110-115		52		
			120-125		556		
			130-135		17,400		
			140-145		9,190		
			150-155		493		
			160-165		5.8		_
/IP-14	158.53	93.44	100-105	65.09	12	0	2
			110-115		11		
			120-125		61		
			130-135		1,309		
			140-145		1,818		
			150-155		7		
			160-165		25		
MP-15			40-45		0.5		
			60-65		9.1		
			70-75		9.1		
			80-85		0.7		
			90-95		3.8		
			100-105		7		
			110-115		62.7		
MP-16			50-55		0		
			60-65		0		
			70-75		0		
			80-85		0.7		
	94.51	31.24	80-85 110-115	63.27	0.7 43.4		
MP-17	94.51	31.24		63.27			
MP-17	94.51	31.24	110-115	63.27	43.4		1

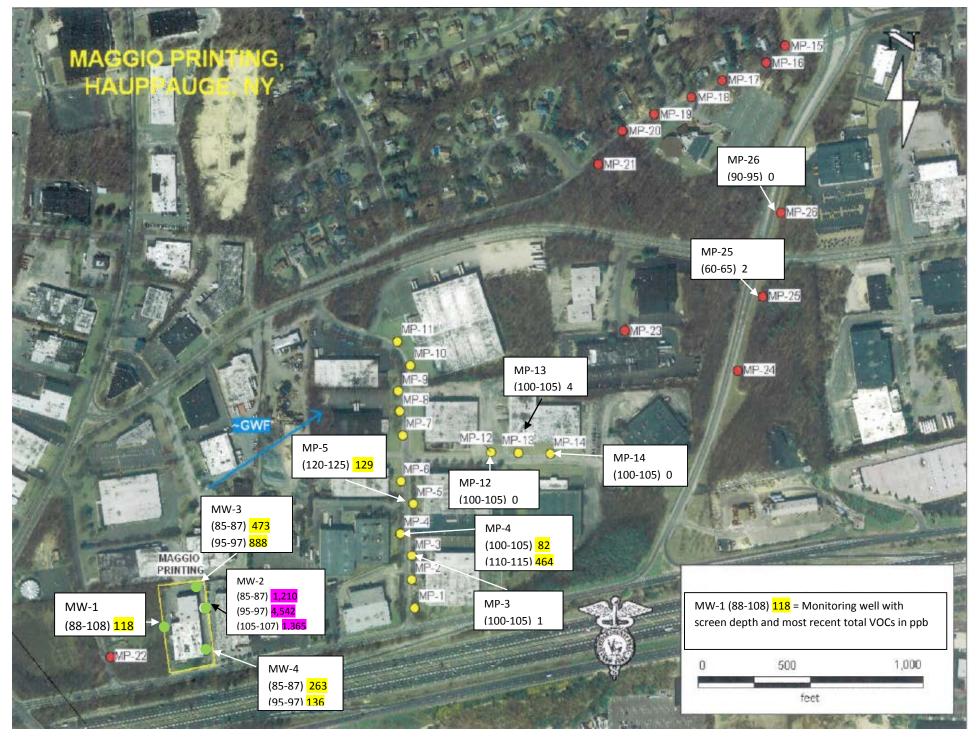
			70-75		0.6	
			80-85		11.7	
	96.8	33.44	90-95	63.36	268	
	50.0	55.44	100-105	05.50	231.9	
			110-115		26.8	
			120-125		124.5	
MP-19			50-55		0	
1017-13			60-65		5.1	
			70-75		7.8	
	105.11	41.54	80-85	63.57	26.5	
	105.11	41.34	90-95	05.57	13.5	
			100-105		11.4	
			110-115		10.1	
MP-20	108.83	44.99	50-55	63.84	0.5	
WIF -20	100.05	44.55	60-65	05.84	0	
			70-75		0	
			80-85		0	
			90-95		4.3	
			100-105		4.9	
			110-115		12	
			120-125		2.1	
			130-135		8.6	
			140-145		9.4 7.3	
					/ -	
			150-155			
MP-21			60-65		0	
MP-21			60-65 70-75		0 0	
MP-21	146.06	52.00	60-65 70-75 80-85	c2 00	0 0 4.2	
MP-21	116.86	52.98	60-65 70-75 80-85 90-95	63.88	0 0 4.2 9.4	
MP-21	116.86	52.98	60-65 70-75 80-85 90-95 100-105	63.88	0 0 4.2 9.4 8.4	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115	63.88	0 0 4.2 9.4 8.4 17	
MP-21	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85	63.88	0 0 4.2 9.4 8.4 17 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95	63.88	0 0 4.2 9.4 8.4 17 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MP-22	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 6.1 17 34 4.9	
MP-22	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75 80-85	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 6.1 17 34 4.9 6.8	
MP-22	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75 80-85 90-95	63.88	$\begin{array}{c} 0 \\ 0 \\ 4.2 \\ 9.4 \\ 8.4 \\ 17 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	
MP-22	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75 80-85 90-95 100-105	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MP-22	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75 80-85 90-95 100-105 110-115	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MP-22			60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75 80-85 90-95 100-105 110-115 120-125		0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MP-22	116.86	52.98	60-65 70-75 80-85 90-95 100-105 110-115 80-85 90-95 100-105 110-115 120-125 130-135 140-145 150-155 160-165 70-75 80-85 90-95 100-105 110-115	63.88	0 0 4.2 9.4 8.4 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

			90-95		0		
			100-105		0		
			110-115		0.7		
			120-125		0		
			130-135		0		
			140-145		1		
MP-25	125.06	61.27	60-65	63.79		2	Х
			70-75		7.4		
			80-85		30.1		
			90-95		1,200		
			100-105		2,556		
			110-115		90.9		
			120-125		574.3		
MP-26			40-45		0.7		
			50-55		1.7		
			60-65		52		
			70-75		87		
			80-85		192.5		
	101.43	37.99	90-95	63.44	419	0	Х
			100-105		264.3		
			110-115		56.1		
			120-125		32.8		
			130-135		95.2		

Notes:

Monitoring wells that have been located and confirmed are shaded.

GROUNDWATER MONITORING LOCATIONS AND 2015 RESULTS – 1735 EXPRESS DRIVE NORTH, HAUPPAUGE



2011 GROUNDWATER VOC CONCENTRATIONS – 1735 EXPRESS DRIVE NORTH, HAUPPAUGE

