

CIVIL ENGINEERING  
ENVIRONMENTAL  
SURVEYING  
LANDSCAPE ARCHITECTURE

## KARSTIC GEOLOGY INVESTIGATION REPORT

Clinton Moebus 34, LLC  
65 ½ Center Street  
Block 14 Lot 32  
Town of Clinton,  
Hunterdon County,  
New Jersey

Prepared For:  
AMBE Holdings at Clinton, LLC  
3 Meha Court  
Manalapan, NJ 07726

March 5, 2020  
Last Revised: September 02, 2021



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Clinton | Asbury Park | Denville | Philadelphia

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- Appendix D: Preliminary & Final Site Plans (Attached Separately)



# 1. INTRODUCTION

As authorized by AMBE Holdings at Clinton, LLC, Engineering & Land Planning Associates, Inc. (E&LP) has completed a Phase I Geological Investigation on subsurface conditions at Block 14, Lot 32 ("the Site"), a property within the Carbonate Area District of the Town of Clinton. This report is a summary of the karst terrain conditions of the referenced property based on previous field evaluation. The property is approximately 30-acres.

This report, prepared by a New Jersey Licensed Professional Engineer, provides the factual account of the subsurface conditions based on observations made during the completion of soil borings and laboratory test results.

Since the property is underlain by carbonate bedrock, precautions should be taken when developing the land. The property had no visible karst activity at the time of field inspection. Activity appears limited for this part of the Allentown formation. The fill that was placed on the property does not reveal any common signs of karstic distress. Overall, the subsurface conditions should not preclude nor restrict the development of this property.

## 1.1 Project Description

The project consists of the construction of 56 townhouses and 3 pad sites for commercial use. The proposed residential units will be located on Lot 32 & 32.05. An area in the southeastern portion of Lot 32 has been dedicated to the Town as open space. The 3 pad sites will be used for a food market, gas station with convenience store, and a fast-food restaurant with a drive thru. The establishments will be located on Lot 32.04, 32.03 & 32.01 respectively. Additionally, an infiltration basin is proposed in the western portion of the site to mitigate the effects of the additional runoff produced. The basin will be located down-grade from all other proposed improvements, closer to the Raritan River. Although the underlying bedrock is indicative of karstic conditions, there are no anticipated negative impacts to the development as a result of the excavations or proposed basin.

## 1.2 Site Description

The Site, is located at 65 ½ Center Street in the Town of Clinton, Hunterdon County, New Jersey, as shown in Figure 2. The Site is approximately 30-acres and currently consists of one unoccupied single-family home with a shed in otherwise undeveloped agricultural lands with wooded areas around the property. Route 31 is directly north of the property and the South Branch of the Raritan River and associated wetlands border the west and south-west edges of the property. Residential neighborhoods are to the south and east of the property. The majority of the property consists of agricultural fields with limited to no development over the last thirty years.



### **1.3 Physiographic & Topographic Setting**

The Site rests within the Reading Prong Physiographic Province. This province is heavily folded and faulted, resulting in complex geological conditions. The site gently slopes downward to the west/southwest toward the South Branch of the Raritan River. An extensive thick fill has been placed across most of the property, which has altered the original slopes and drainage patterns. See Appendices A and B, Soil Logs.

## **2. PHASE I GEOLOGICAL INVESTIGATION**

As required by the Town's Carbonate Area District Ordinance, the Phase I Geological Investigation includes geologic research, site mapping of karst features, review of aerial photography, review of historical activity and existing activity relevant to sinkhole prone conditions. E&LP performed a subsurface field investigation that consisted of ten (10) hollow stem auger borings with split spoon sampling and a review of mapped site geology on June 16, 2009. Fifteen (15) more soil pits were sampled on February 17, 2020 to analyze subsurface conditions. The following provides a detailed summary of this work.

### **2.1 Field Observation**

On June 16, 2009 Engineering & Land Planning Associates, Inc. conducted soil borings using conventional hollow stem augers and split spoon sampling to a maximum termination depth of 11.7 feet below existing grades. Bedrock was encountered in seven of the ten test locations. Neither groundwater nor soil mottling was encountered in the test pits.

On April 17, 2020 Engineering & Land Planning Associates, Inc. conducted fifteen test pits to confirm the findings of the 2009 soil sampling. Bedrock was encountered in all of the test pits, excluding SL-2 and SL-3, shown on Figure 6. Neither groundwater nor soil mottling was encountered in the test pits, excluding SL-2, SL-3, and SL-6. SL-2 contained many signs of mottling at a depth of 95". SL-3 contained no mottling but evidenced seepage at a depth of 123". SL-6 contained common signs of mottling and evidence of seepage at a depth of 96".

No karstic terrane features were visible at the surface at the times of field reconnaissance. No solution activity or other karstic characteristics were observed. Bedding and fracturing were very prevalent and distinct. The majority of the site is underlain by shallow bedrock at around 3'. The encountered bedrock was variable in its lithology with a shaly prevalence, which is consistent with the lack of observed karstic features. The fill material has an extensive amount of clayey material and that combined with the general moderate slope has minimized the infiltration. The property has appeared very stable at the time of field reconnaissance.



The northern and eastern portions of the site are underlain by fill dirt consistent with the area soils. The central portion of the property is a valley with predominantly clay soils and shall limestone bedrock. The ridge on the southern portion of the site likewise consists of clay soils underlain by shallow bedrock.

Other than the fill soils evidenced on the northern portion of the site which were gravelly, the majority of the native site soils consisted of clays which are of very low permeability and likely not suitable for infiltration. As seen in the most recent soil logs (Appendix B), it is recommended that stormwater management systems be located in the vicinity of SL-2 and SL-3.

## 2.2 Geology & Rock Lithology

The bedrock geology beneath the site is known as Allentown Dolomite and Lower Beekmantown Group, which are both part of the Kittatinny Supergroup, aging to the Lower Ordovician and Upper Cambrian. The Allentown Dolomite bedrock beneath the Site has been folded, refolded, and thrust faulted. These deformation systems have resulted in an apparent regional bedding dip of about 70 degrees to 80 degrees to the west-northwest with a bedding strike of approximately north south to north-northeast, see Appendix A. There is a single thrust fault plane bisect to the property, see Figure 7. However, it appears to be refolded and therefore should not create any unusual geotechnical conditions. There are no observed rock outcrops naturally existing on the property.

In this part of New Jersey, this formation (Allentown Dolomite) is medium to light gray very thin to thick bedded dolomite with minor orthoquartzite and shale beds (Drake et.al., 1996). Bedding surfaces and some fractures display dissolution surfaces but the degree and extent do not appear wide spread. Karstic terrane characteristics are commonly pinnacled and troughed because of the variable lithologies and weathering variability. However, the orthoquartzite and shale beds do reduce the scale and extend of the potential karstic cavities.

## 2.3 Aerial Photography Analysis

Numerous stereo pairs from the USGS & USDA photo archive in the Library were studied for historical karst terrain features. Limited Karst activity can be observed from aerial photography in the surrounding properties. The base photo for Figure 8 is a 2002 USGS NAPP color infra-red (CIR). EpiKarst features are very distinct on CIR, due to the surface to subsurface temperature differentials. The actual subject property has very few epikarst features (closed depressions) and most of those are phantom features manifested on the surface through the fill.

## 2.4 Findings and Conclusions

The karstic geological setting described above is one of limited risk to for residential or commercial property development. In comparison to other karstic terrains within the region, this area is very limited in the sinkhole surface manifestations and therefore lower risk to construction activities. This particular rock formation, in part of Pennsylvania and New Jersey, is usually very karstic with open throats and collapsed sinks (dolines) visible. The dolomitic change (More Mg in the CaCO<sub>3</sub> in the formula) is the lithology, the quartz content and the shale beds reduce the dissolution potential of



the bedrock. Care will be required during regrading of these areas. Proof rolling, as well as other remedial techniques and other rehabilitation methods can be employed to alleviate any activity. Caution should always be observed when developing the design of the drainage systems these types of areas, but given the wide spread karstic terrain in the region and engineering controls available the development of this property in this manner would not be precluded by the subsurface conditions of this property (Sowers, 1996). These findings can be confirmed or validated with a modified drilling plan for the building foundation design. Either appropriately placed borings or a few additional locations can confirm the precise condition of the subsurface.



## 3. RECOMMENDATIONS

As mentioned above, the epikarst depressions (sinks or dolines) from the photography were not field observed are not considered severe. The foundation investigation's placement of boring can aid in confirming there are no unforeseen subsurface conditions. These may be easily remedied with construction proofing protocols. This is always prudent and is considered standard practice within the region (Sowers, 1996). The boring plan may be modified as mentioned above. If significant subsurface voids are found, a geophysical investigation or additional borings may be warranted.

### 3.1 Karst Conditions

**Proof Rolling:** Use a 30-50 ton vibrating roller (typical compactor) Conduct proof rolling (3-5 passes) across the subgrade in sensitive areas (determined by the construction engineer or his representative). This will collapse any minor soil piping openings and the surface construction will reduce or eliminate infiltration.

### 3.2 Precautionary Options

#### Foundation Construction

If unforeseen soil voids, soft pockets, or bedrock voids are encountered during construction a geologist and the foundation engineer should evaluate the conditions. The following provides optional remedial actions. Performance specifications can be created to eliminate or reduce the soil migration into the karstic rock and restore the subgrade integrity.

1. Open (dental) excavation & backfill (throat and bridge opening)
  - a. Aggregate backfill, stone plugs
  - b. Lean concrete backfill, sand mortar plugs
2. Grouting (good option in this application)
  - a. Compaction
  - b. Fill aggregate compaction
  - c. Chemical (not applicable to this karstic or soils morphology)

### 3.3 Drainage Control Options

In karstic conditions, even minor conditions the reduction of infiltration is recommended (Ralston et. al., 1999). The following provides avoidance options where activity is encountered during construction.

1. Redirect the flow to the least active karst areas, if possible.
2. Reduce single point of contact flow.
3. Minimize infiltration in active or suspected areas.

Stormwater control options:

1. Synthetically line the basin and swales.
2. Use a clay/bentonite liner to line the basin and swales.
3. Pipe the flow with watertight systems.
4. Concrete line the basin and swales.



## STATEMENT OF LIMITATIONS

The recommendations contained in this report are recommendations, based upon subsurface data collected from the site investigation. If conditions arise that differ from those that are specifically stated herein, Engineering & Land Planning Associates, Inc. (E&LP) should be notified immediately, so that our recommendations can be reviewed and revised, if necessary.

This report has been prepared by E&LP for AMBE Holdings at Clinton, LLC to be used solely by AMBE Holdings at Clinton, LLC in the evaluation and performance of the proposed work related to the Site in the Town of Clinton, New Jersey. The report has not been prepared for use by other parties and may not necessarily contain sufficient information for the purposes of other parties or other uses. Any undisclosed and/or unpermitted alternate use shall be at that party's own risk and without liability to E&LP.

This geotechnical study did not include investigation or evaluation of any environmental issues, such as wetlands or hazardous/toxic materials on, below or in the vicinity of the subject property.

In preparing this report, E&LP relied on and presumed accurate certain information (or the absence thereof) about the site and adjacent properties provided by governmental officials and agencies, the client, other consultants, and others identified herein. Except as otherwise stated, E&LP has not attempted to verify the accuracy or completeness of any such information. E&LP derived the data in this report primarily from visual inspections, examination of records in the public domain, and a limited number of tests where we were granted access. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the site; analysis of the data; and reevaluation of the findings, observations, and conclusions expressed in the report.

Our professional geotechnical engineering services for this project have been performed using a degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical consultants practicing in this or similar localities. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely on-site conditions in existence at the time of investigation.

The data reported and the findings, observations, and conclusions expressed in the report are limited by the scope of services, including the extent of subsurface exploration and other tests. The scope of services was defined by the requests of the client, the time and budgetary constraints imposed by the client, and the availability of access to the site. This report has been prepared on behalf of and for the exclusive use of the client and is subject to and issued in connection with the agreement and the provisions thereof.

E&LP is not responsible for any claims, damages or liability associated with interpretation of subsurface data. The recommendations given in this report are unique to the locations of the proposed development on the property and are not transferable to other areas not specifically stated above.



## REFERENCES

Bedrock Geologic Map of New Jersey, NJDEP Division of Water Supply and Geoscience, 2014.

Kribbs, Gary M. B. P.G, Preliminary Karstic Geology Evaluation Report, AEON Geoscience, Inc. Environmental & Geological Consulting, June 25, 2009.

Ralston, M.R., Oweis, I.S., 1999, Geotechnical Engineering Considerations for Stormwater Management in Karst Terrain, Pennsylvania Stormwater Management Symposium, Villanova University, Villanova, Pennsylvania. October 20-21, 1999.

Sowers, G. F. 1996, Building on Sinkholes, ASCE Press American Society of Civil Engineers, New York, New York, pp. 191.

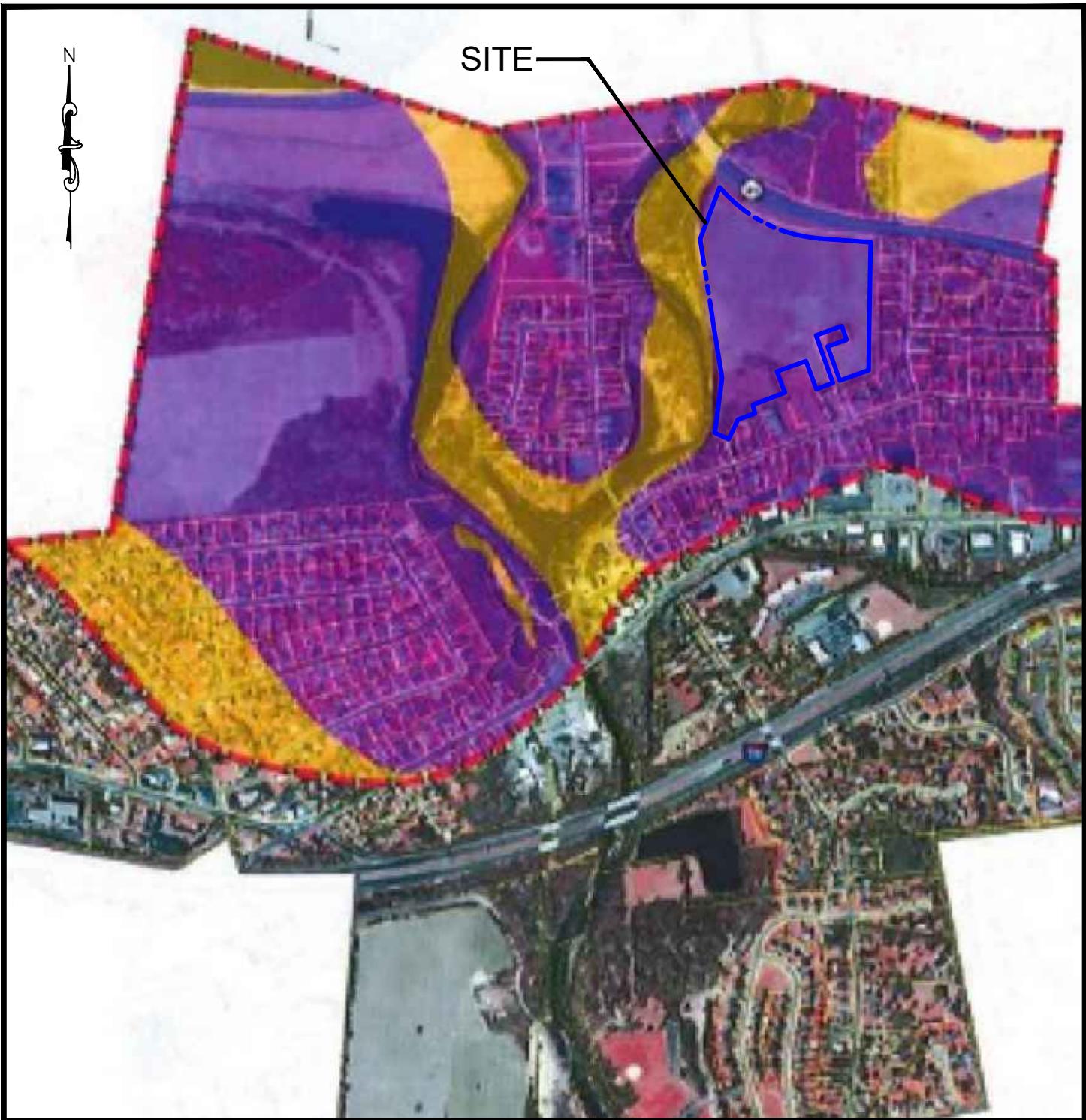
USGS 2019, Google Earth Imagery 2020

Teraserver web site 2009 Aerials 2001, 2002,2004,2006.



## FIGURES





LEGEND:

CARBONATE ROCK DISTRICT

CARBONATE DRAINAGE AREA

- - - CARBONATE AREA DISTRICT



140 WEST MAIN STREET CLINTON TOWNSHIP, NJ 08829

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C.O.A. #: 24GA28021500

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TITLE:

## CARBONATE AREA DISTRICT MAP

1,000                  0                  1,000  
 SCALE 1" = 1,000 FT

LOCATION:  
65  $\frac{1}{2}$  CENTER STREET  
BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

SCALE: 1"=1,000'

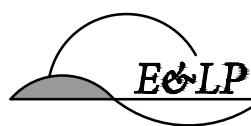
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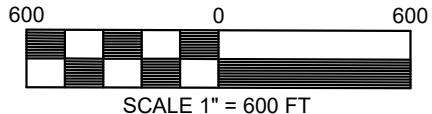
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C.O.A. #: 24GA28021500

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TITLE:

## AERIAL MAP



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BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

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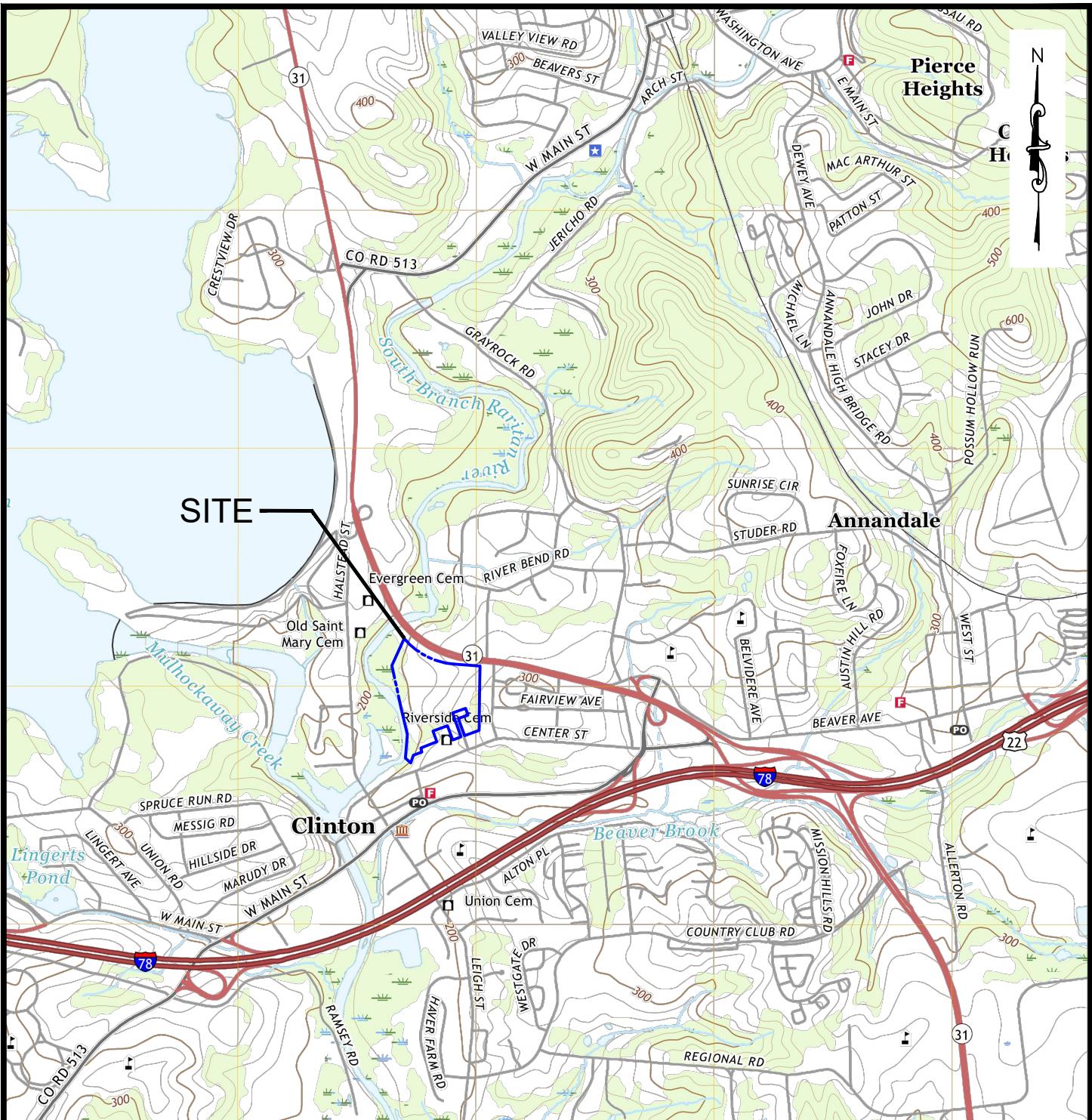
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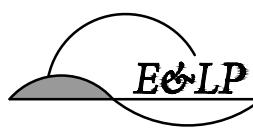


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TITLE:

## USGS MAP

2,000 0 2,000



SCALE 1" = 2,000 FT

HIGH BRIDGE QUADRANGLE 2019

LOCATION:  
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BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

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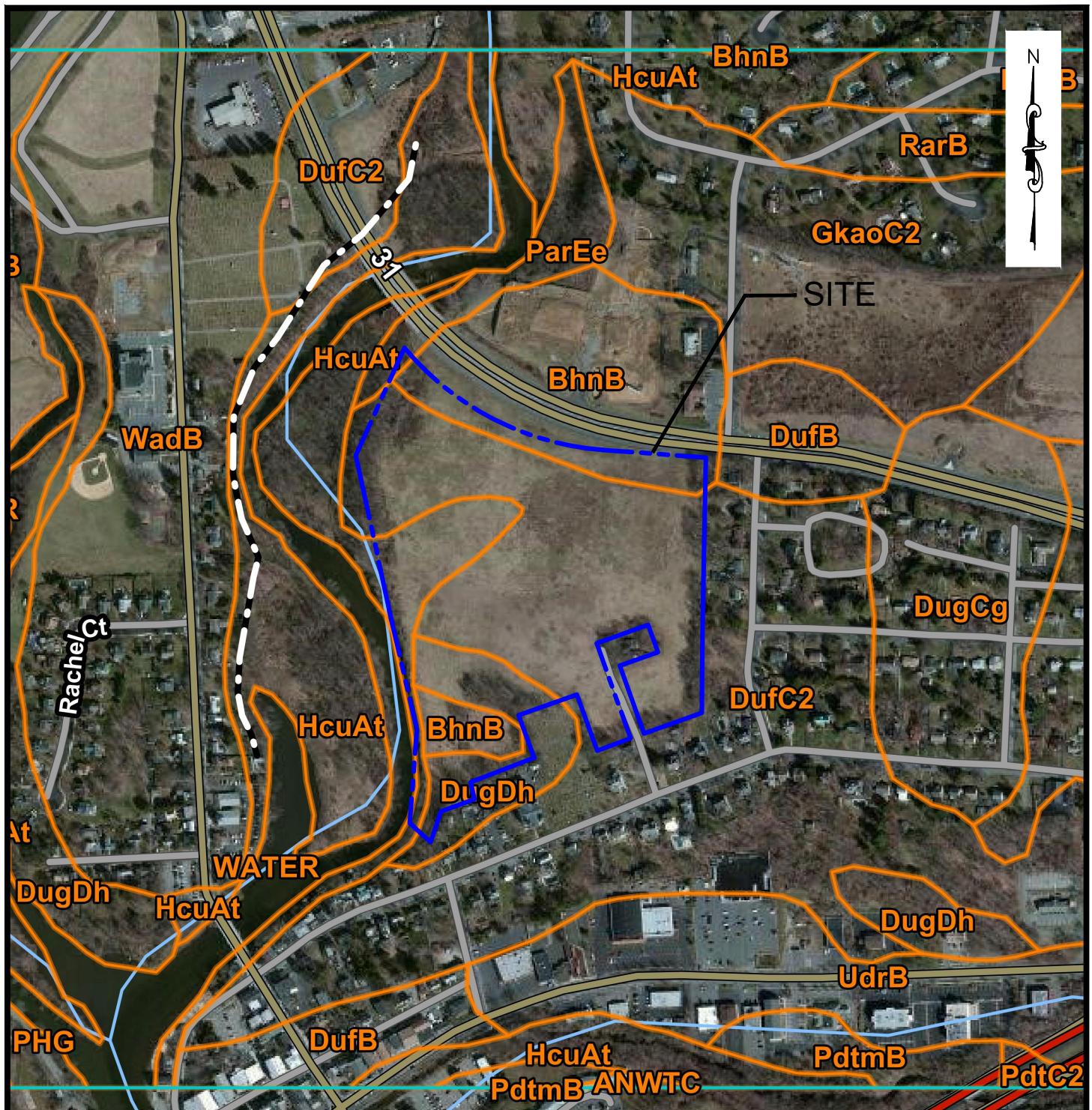
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DATE: 2/26/2020

DRAWN BY: AAP

FILENAME: FIGURES.DWG

SHEET NO.: 3



#### SOILS

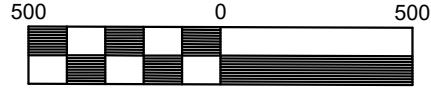
BhnB: BIRDSBORO SILT LOAM,  
2 TO 6 PERCENT SLOPES

DugDh: DUFFIELD SILT LOAM,  
12 TO 18 PERCENT SLOPES, VERY ROCKY

DufC2: DUFFIELD SILT LOAM,  
6 TO 12 PERCENT SLOPES, ERODED

HcuAt: HATBORO-CODORUS COMPLEX  
0 TO 3 PERCENT SLOPES, FREQUENTLY FLOODED

ParEe: PARKER COBBLY LOAM,  
18 TO 40 PERCENT SLOPES, EXTREMELY STONY



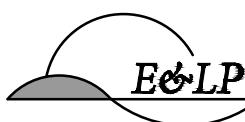
SCALE 1" = 500 FT

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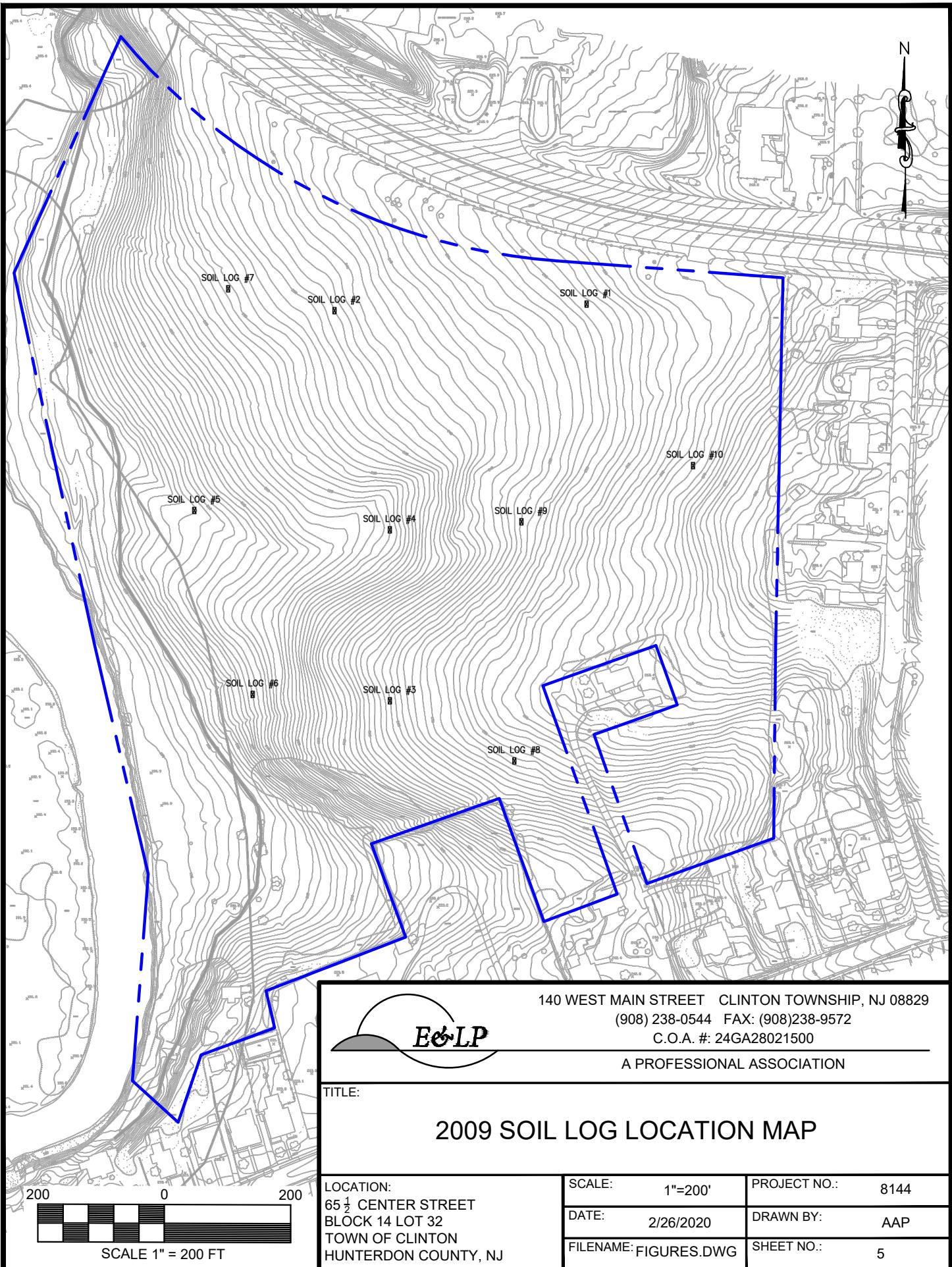
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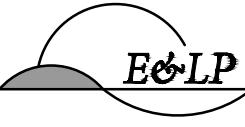
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BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

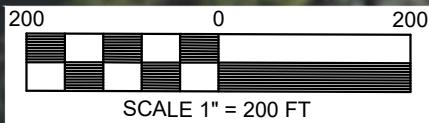
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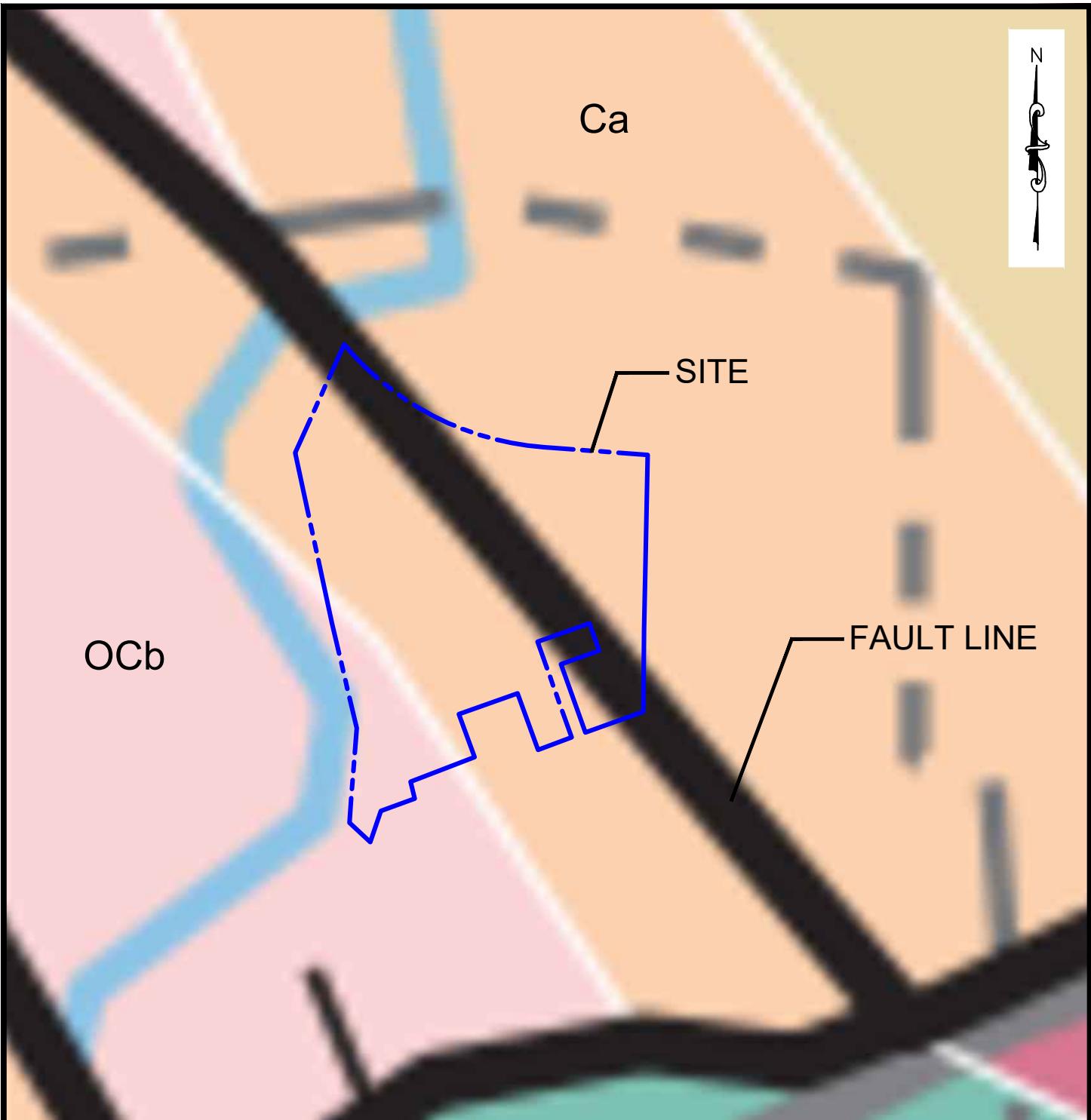
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TITLE:			
2020 SOIL LOG LOCATION MAP			
LOCATION: 65 1/2 CENTER STREET BLOCK 14 LOT 32 TOWN OF CLINTON HUNTERDON COUNTY, NJ		SCALE: 1"=200'	PROJECT NO.: 8144
		DATE: 2/26/2020	DRAWN BY: AAP
		FILENAME: FIGURES.DWG	SHEET NO.: 6





LEGEND:  
OCb: BEEKMANTOWN GROUP  
Ca: ALLENtown DOLOMITE



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TITLE:

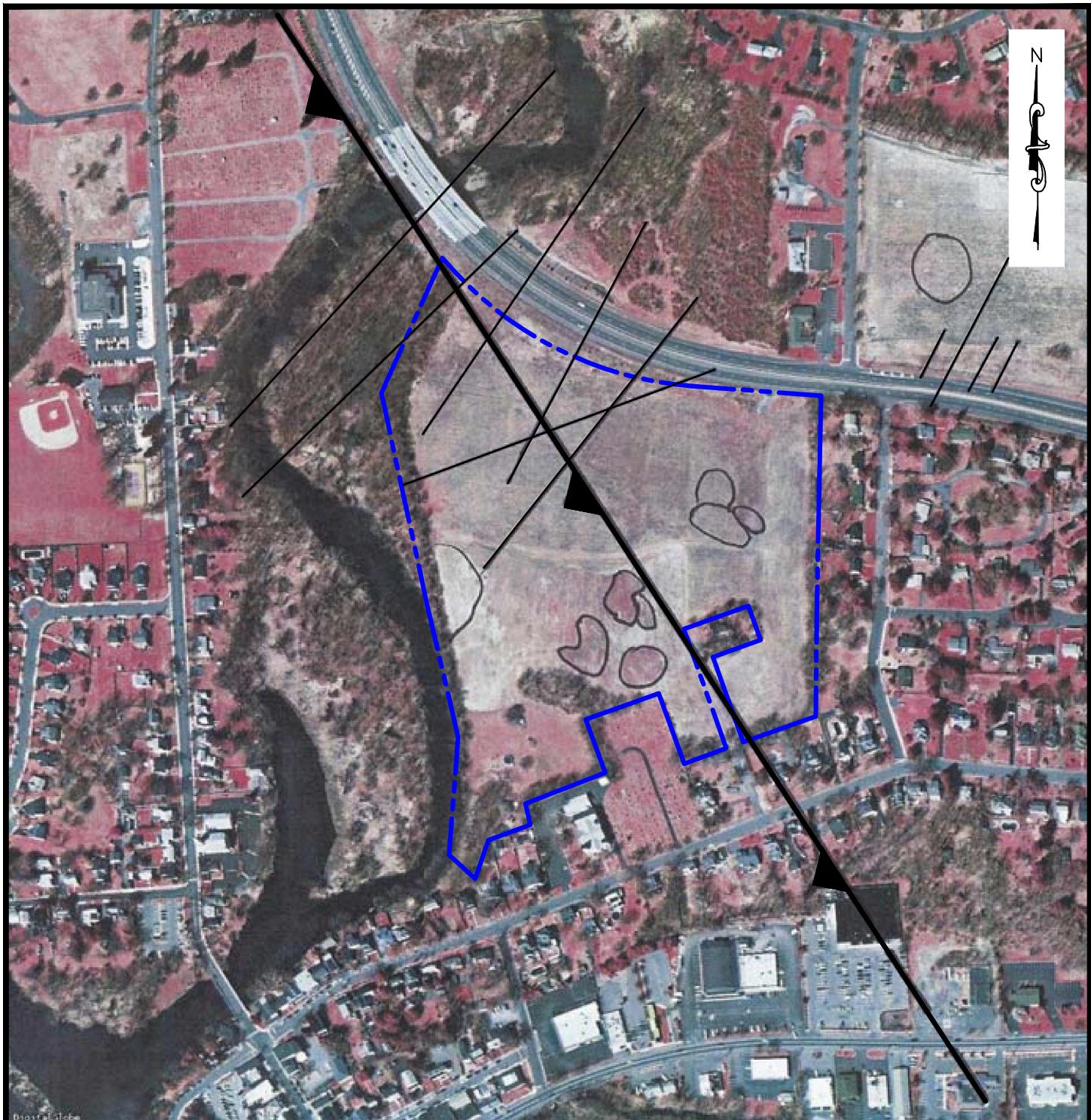
## BEDROCK GEOLOGY MAP

600                  0                  600  
  
 SCALE 1" = 600 FT

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BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

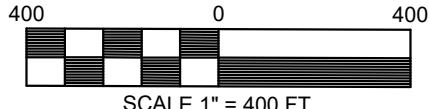
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DATE: 2/26/2020	DRAWN BY: AAP
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SHEET NO.: 7
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LEGEND:

- FRACTURE TRACE
- SINKHOLE OR DOLINE PHANTOM
- ▼ THRUST FAULT (ARROWS IN DIRECTION OF FAULT)
- PROPERTY LINE



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TITLE:

## KARSTIC FEATURE MAP

LOCATION:  
65  $\frac{1}{2}$  CENTER STREET  
BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

SCALE:

1"=400'

PROJECT NO.:

8144

DATE:

2/26/2020

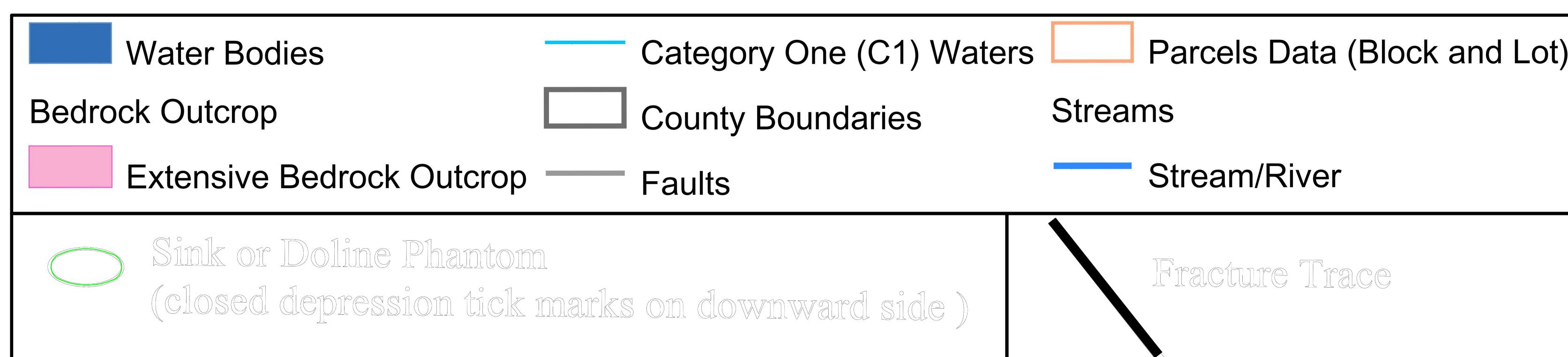
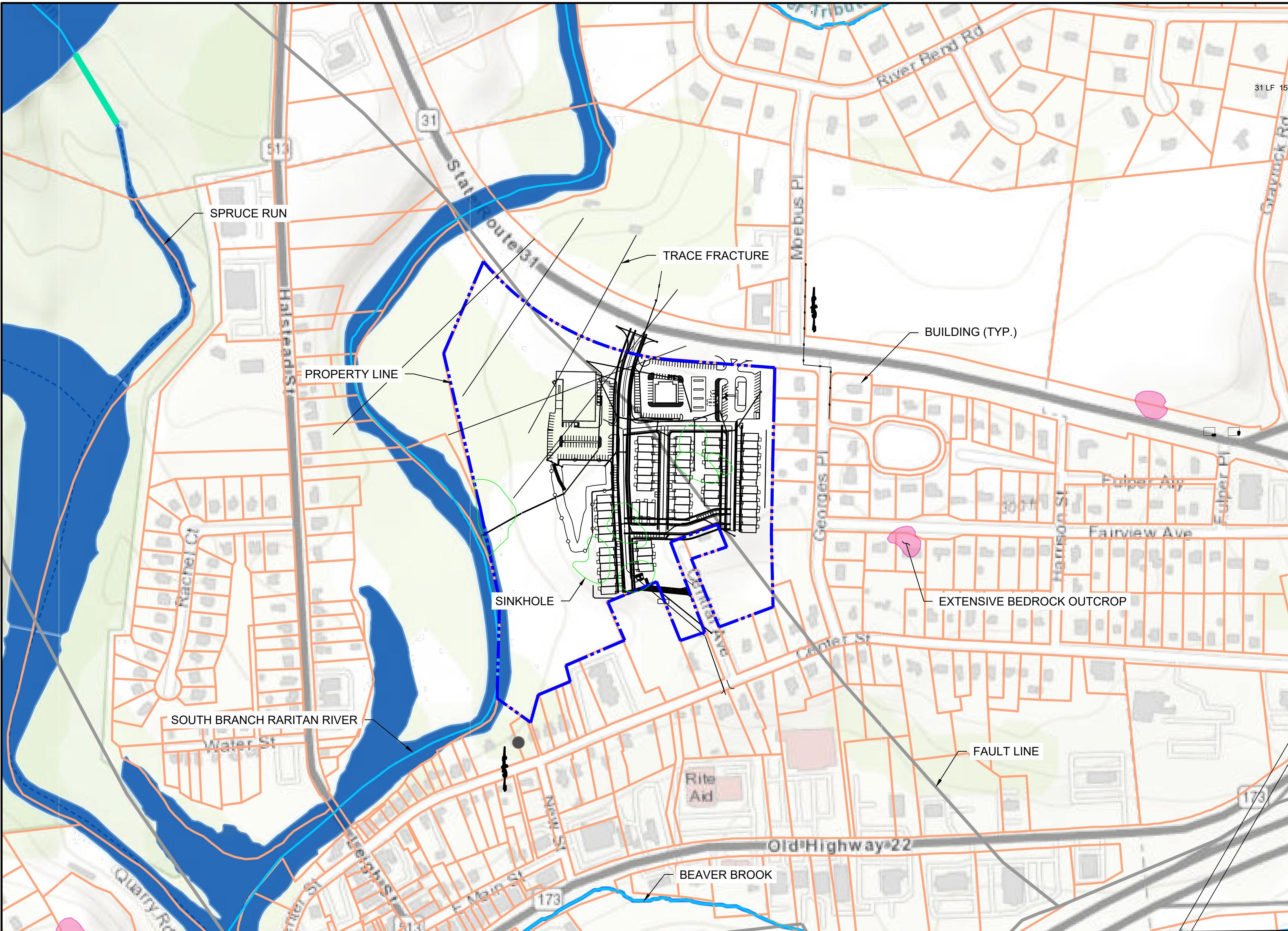
DRAWN BY:

AAP

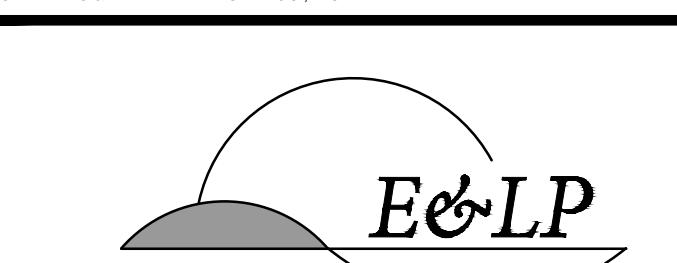
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SHEET NO.:

8



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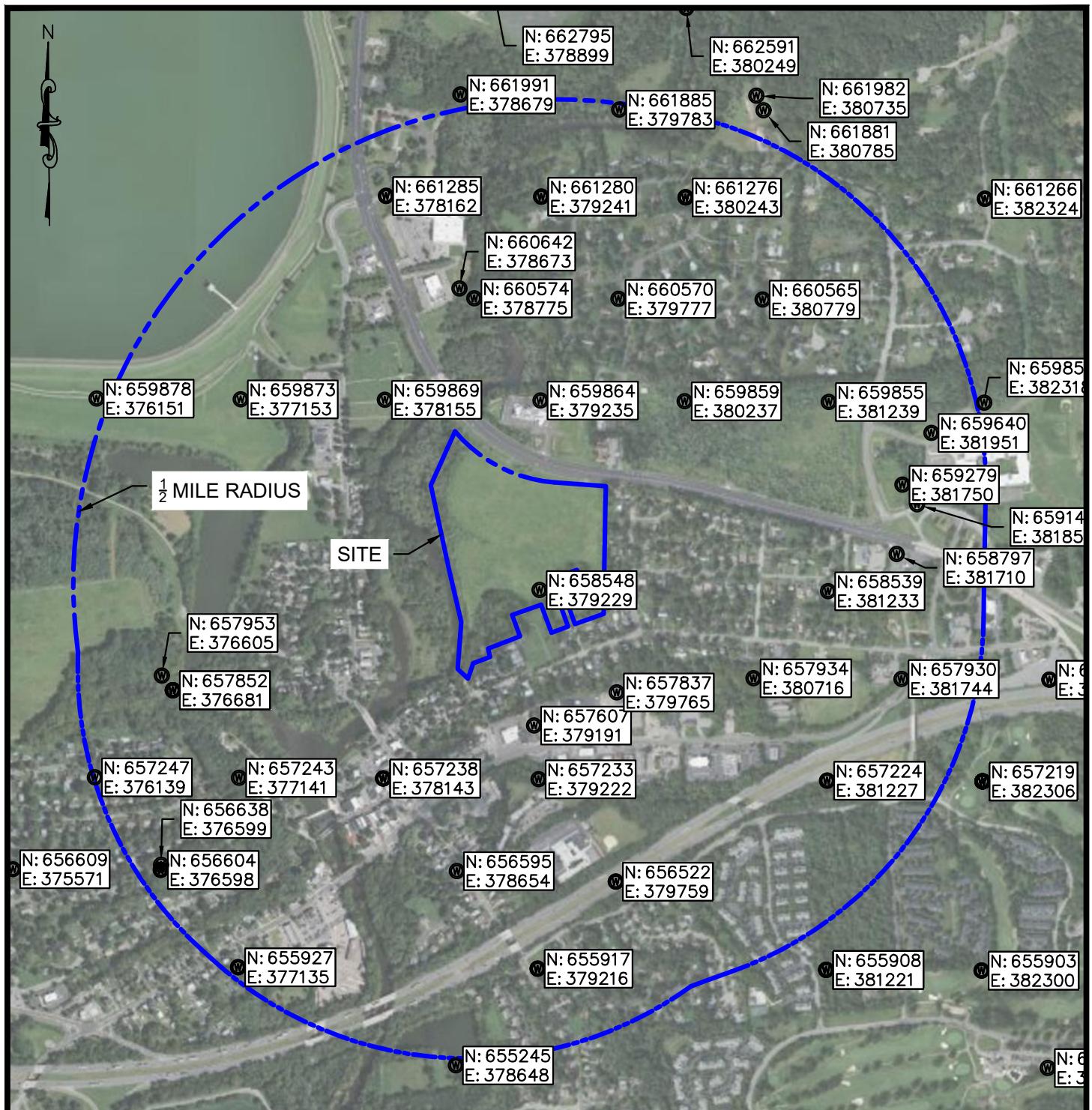
140 WEST MAIN STREET HIGH BRIDGE, NJ 08829  
PH. 908-238-0544 FAX. 908-238-9572  
A PROFESSIONAL CORPORATION  
CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2022

PROJECT:  
  
CLINTON COMMONS  
BLOCK 14 LOT 32  
CLINTON TOWNSHIP

HUNTERDON COUNTY NEW JERSEY  
TITLE:

### KARSTIC SUPPLEMENTARY MAP

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SCALE:	1" = 200'		
DESIGNED:	AA		
CHECKED:	ADR		
FILENAME:	FIGURES.DWG		
DATE:	09/02/2021		



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TITLE:

## WELL LOCATION MAP



LOCATION:  
65  $\frac{1}{2}$  CENTER STREET  
BLOCK 14 LOT 32  
TOWN OF CLINTON  
HUNTERDON COUNTY, NJ

SCALE: 1"=1000'

PROJECT NO.: 8144

DATE: 5/10/2021

DRAWN BY: AAP

FILENAME: FIGURES.DWG

SHEET NO.: 10

[Click here to visit the report information page](#)

Download Document	Permit Number	Well Use	Well Name	Potentially Potable	Document	Date (permitted / drilled /sealed)	Physical Address	County	Municipality	Block	Lot	Location Method	Easting (X)	Northing (Y)	Distance (Feet)	Depth (ft)	Capacity (gal/min)
<a href="#">PDF Document</a>	E202100959	Monitoring	MW-5RR	No	Permit	1/28/21	98 NJ HWY 173	Hunterdon	Clinton Town	1	34	Digital Image	375580	655750	5,016.71	15	0
<a href="#">PDF Document</a>	E201802147	Monitoring	MW-8	No	Record	3/23/18	1747 State Route 31	Hunterdon	Clinton Twp	68	11	GPS	377855	663150	4,203.71	12	
<a href="#">PDF Document</a>	E201802147	Monitoring	MW-8	No	Permit	3/8/18	1747 State Route 31	Hunterdon	Clinton Twp	68	11	Digital Image	377870	663117	4,167.61	20	0
<a href="#">REDACTED</a>	E201600962	Public Community	Well 16	Yes	Permit	2/3/16	REDACTED	Hunterdon	Clinton Town	18	REDACTED	GPS	0	0	REDACTED	660	250
<a href="#">REDACTED</a>	E201600962	Public Community	Well 16	Yes	Record	5/20/11	REDACTED	Hunterdon	Clinton Town	18	REDACTED	GPS	0	0	REDACTED	465	500
<a href="#">PDF Document</a>	E201507282	Monitoring	MW-2R	No	Permit	6/30/15	1 West Main Street	Hunterdon	Clinton Town	24	8	Digital Image	377800	656384	3,145.92	25	0
<a href="#">PDF Document</a>	E201507282	Monitoring	MW-2R	No	Record	7/7/15	1 West Main Street	Hunterdon	Clinton Town	24	8	GPS	377800	656385	3,145.03	25	
<a href="#">PDF Document</a>	E201502909	Monitoring	MW-4	No	Permit	3/31/15	West Main Street	Hunterdon	Clinton Town	24	6	Digital Image	377854	656379	3,126.05	25	0
<a href="#">PDF Document</a>	E201502909	Monitoring	MW-4	No	Record	4/9/15	West Main Street	Hunterdon	Clinton Town	24	6	GPS	377855	656379	3,125.61	20	
<a href="#">PDF Document</a>	E201414148	Piezometer	SR P41-2D	No	Record	12/22/14	Quarry Rd.	Hunterdon	Clinton Twp	8	1	GPS	376622	660120	2,781.3	152	
<a href="#">PDF Document</a>	E201414148	Piezometer	SR P41-2D	No	Permit	10/27/14	Quarry Rd.	Hunterdon	Clinton Twp	8	1	GPS	376622	660120	2,781.3	144	0
<a href="#">PDF Document</a>	E201414144	Piezometer	SR P41-2S	No	Record	12/22/14	Quarry Rd.	Hunterdon	Clinton Twp	8	1	GPS	376622	660120	2,781.3	84	
<a href="#">PDF Document</a>	E201414144	Piezometer	SR P41-2S	No	Permit	10/27/14	Quarry Rd.	Hunterdon	Clinton Twp	8	1	GPS	376622	660120	2,781.3	84	0
<a href="#">PDF Document</a>	E201414142	Piezometer	SR P41-1	No	Record	12/10/14	Quarry Rd.	Hunterdon	Clinton Twp	8	1	GPS	376619	660134	2,788.88	147	
<a href="#">PDF Document</a>	E201414142	Piezometer	SR P41-1	No	Permit	10/24/14	Quarry Rd.	Hunterdon	Clinton Twp	8	1	GPS	376619	660134	2,788.88	149	0
<a href="#">PDF Document</a>	E201414132	Piezometer	SR P39-2D	No	Record	12/4/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376814	660208	2,634.43	153.8	
<a href="#">PDF Document</a>	E201414132	Piezometer	SR P39-2D	No	Permit	10/27/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376814	660208	2,634.43	149	0
<a href="#">PDF Document</a>	E201414128	Piezometer	SR P39-2S	No	Record	12/4/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376814	660208	2,634.43	99	
<a href="#">PDF Document</a>	E201414128	Piezometer	SR P39-2S	No	Permit	10/27/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376814	660208	2,634.43	89	0
<a href="#">PDF Document</a>	E201414124	Piezometer	SR P39-1	No	Record	12/16/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376808	660219	2,644.25	174	
<a href="#">PDF Document</a>	E201414124	Piezometer	SR P39-1	No	Permit	10/24/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376808	660219	2,644.25	154	0
<a href="#">PDF Document</a>	E201414121	Piezometer	SR P37-2D	No	Record	12/12/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376979	660325	2,533.94	137	
<a href="#">PDF Document</a>	E201414121	Piezometer	SR P37-2D	No	Permit	10/27/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376979	660325	2,533.94	144	0
<a href="#">PDF Document</a>	E201414096	Piezometer	SR P37-2S	No	Record	12/12/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376979	660325	2,533.94	84	
<a href="#">PDF Document</a>	E201414096	Piezometer	SR P37-2S	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376979	660325	2,533.94	84	0
<a href="#">PDF Document</a>	E201414053	Piezometer	SR P37-1	No	Record	12/4/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376971	660333	2,544.69	139	
<a href="#">PDF Document</a>	E201414053	Piezometer	SR P37-1	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	376971	660333	2,544.69	149	0
<a href="#">PDF Document</a>	E201414052	Piezometer	SR P34-2D	No	Record	11/6/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377180	660509	2,450.96	82.8	
<a href="#">PDF Document</a>	E201414052	Piezometer	SR P34-2D	No	Permit	10/29/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377180	660509	2,450.96	89	0
<a href="#">PDF Document</a>	E201414044	Piezometer	SR P34-2S	No	Record	11/6/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377180	660509	2,450.96	29	
<a href="#">PDF Document</a>	E201414044	Piezometer	SR P34-2S	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377180	660509	2,450.96	29	0

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Download Document	Permit Number	Well Use	Well Name	Potentially Potable	Document	Date (permitted / drilled /sealed)	Physical Address	County	Municipality	Block	Lot	Location Method	Easting (X)	Northing (Y)	Distance (Feet)	Depth (ft)	Capacity (gal/min)
<a href="#">PDF Document</a>	E201414033	Piezometer	SR P34-1	No	Record	11/19/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377171	660520	2,464.48	86	
<a href="#">PDF Document</a>	E201414033	Piezometer	SR P34-1	No	Permit	10/21/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377171	660520	2,464.48	92	0
<a href="#">PDF Document</a>	E201414024	Piezometer	SR P24-2D	No	Record	11/4/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377673	661387	2,705.91	72	
<a href="#">PDF Document</a>	E201414024	Piezometer	SR P24-2D	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377673	661387	2,705.91	84	0
<a href="#">PDF Document</a>	E201414019	Piezometer	SR P24-2S	No	Record	11/4/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377673	661387	2,705.91	34	
<a href="#">PDF Document</a>	E201414019	Piezometer	SR P24-2S	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377673	661387	2,705.91	24	0
<a href="#">PDF Document</a>	E201414014	Piezometer	SR P24-1	No	Record	11/12/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377660	661390	2,715.89	85	
<a href="#">PDF Document</a>	E201414014	Piezometer	SR P24-1	No	Permit	10/21/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377660	661390	2,715.89	87	0
<a href="#">PDF Document</a>	E201414012	Piezometer	SR P20-2D	No	Record	11/3/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377721	661780	3,010.34	84.2	
<a href="#">PDF Document</a>	E201414012	Piezometer	SR P20-2D	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377721	661780	3,010.34	94	0
<a href="#">PDF Document</a>	E201414008	Piezometer	SR P20-2S	No	Record	11/3/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377721	661780	3,010.34	24.9	
<a href="#">PDF Document</a>	E201414008	Piezometer	SR P20-2S	No	Permit	10/22/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377721	661780	3,010.34	34	0
<a href="#">PDF Document</a>	E201413980	Piezometer	SR P20-1	No	Record	11/10/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377707	661782	3,019.15	86	
<a href="#">PDF Document</a>	E201413980	Piezometer	SR P20-1	No	Permit	10/21/14	1851 Route 31	Hunterdon	Clinton Twp	68	15	GPS	377707	661782	3,019.15	98	0
<a href="#">PDF Document</a>	E201405953	Monitoring	MW-3	No	Permit	5/14/14	1 West Main St	Hunterdon	Clinton Town	24	8	Digital Image	377799	656383	3,147.27	25	0
<a href="#">PDF Document</a>	E201405953	Monitoring	MW-3	No	Record	5/22/14	1 West Main St	Hunterdon	Clinton Town	24	8	GPS	377798	656385	3,145.95	21	
<a href="#">PDF Document</a>	E201405952	Monitoring	MW-2	No	Decommissioning	5/21/15	1 West Main St	Hunterdon	Clinton Town	24	8	GPS	377825	656454	3,072.26	25	
<a href="#">PDF Document</a>	E201405952	Monitoring	MW-2	No	Permit	5/16/14	1 West Main St	Hunterdon	Clinton Town	24	8	Digital Image	377827	656453	3,072.22	25	0
<a href="#">PDF Document</a>	E201405952	Monitoring	MW-2	No	Record	5/22/14	1 West Main St	Hunterdon	Clinton Town	24	8	GPS	377825	656454	3,072.26	25	
<a href="#">PDF Document</a>	E201405951	Monitoring	MW-1	No	Permit	5/16/14	1 West Main St	Hunterdon	Clinton Town	24	8	Digital Image	377829	656402	3,116.69	25	0
<a href="#">PDF Document</a>	E201405951	Monitoring	MW-1	No	Record	5/22/14	1 West Main St	Hunterdon	Clinton Town	24	8	GPS	377830	656405	3,113.56	25	
<a href="#">PDF Document</a>	E201402496	Monitoring	MW-5R	No	Permit	3/4/14	98 NJ HWY 173	Hunterdon	Clinton Town	1	34	Digital Image	375577	655736	5,028.48	15	0
<a href="#">PDF Document</a>	E201402496	Monitoring	MW-5R	No	Record	3/6/14	98 NJ HWY 173	Hunterdon	Clinton Town	1	34	GPS	375581	655751	5,015.29	14	
<a href="#">PDF Document</a>	E201402495	Monitoring	MW-2R	No	Permit	3/4/14	98 NJ Hwy 173	Hunterdon	Clinton Town	1	34	Digital Image	375561	655698	5,066.19	15	0
<a href="#">PDF Document</a>	E201402495	Monitoring	MW-2R	No	Record	3/6/14	98 NJ Hwy 173	Hunterdon	Clinton Town	1	34	GPS	375542	655660	5,106.14	14	
<a href="#">PDF Document</a>	E201120204	Monitoring	MW-1	No	Record	12/16/11	31 River Bend Road	Hunterdon	Clinton Twp	71	23	GPS	379255	660643	1,462.08	30	
<a href="#">PDF Document</a>	E201120204	Monitoring	MW-1	No	Decommissioning	6/4/12	31 River Bend Road	Hunterdon	Clinton Twp	71	23	GPS	379255	660643	1,462.08	30	
<a href="#">PDF Document</a>	E201120204	Monitoring	MW-1	No	Permit	12/15/11	31 River Bend Road	Hunterdon	Clinton Twp	71	23	Digital Image	379259	660643	1,462.12	20	0
REDACTED	E201118974	Public Community Replacement	12R	Yes	Permit	12/6/11	REDACTED	Hunterdon	Clinton Town	22	REDACTED	GPS	0	0	REDACTED	370	420
REDACTED	E201118974	Public Community Replacement	12R	Yes	Record	12/2/10	REDACTED	Hunterdon	Clinton Town	22	REDACTED	GPS	0	0	REDACTED	370	140
<a href="#">PDF Document</a>	E201116386	Monitoring	Well 12-monitoring	No	Record	11/16/79	43 LEIGH STREET	Hunterdon	Clinton Town	22	1	GPS	378871	657098	2,115.43	370	

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PDF Document	E201116386	Monitoring	Well 12-monitoring	No	Permit	10/19/11	43 LEIGH STREET	Hunterdon	Clinton Town	22	1	GPS	378871	657098	2,115.43	370	0
	P201106892	Monitoring	OBS-A	No	Record	5/19/11	MOEBUS PL & RTE 31N	Hunterdon	Clinton Town	18	5	Prop Loc - Dig Image	380022	659874	1,044.88	400	0
	P201106892	Monitoring		No	Permit	5/5/11	MOEBUS PL & RTE 31N	Hunterdon	Clinton Town	18	5	Prop Loc - Dig Image	379998	659880	1,031.1	470	0
REDACTED	P201101956	Test Well Future Potable Use	16	Yes	Record	5/20/11	REDACTED	Hunterdon	Clinton Town	18	REDACTED	Prop Loc - Dig Image	0	0	REDACTED	465	0
PDF Document	E201012296	Monitoring	MW-13	No	Record	10/7/10	Route 31 North	Hunterdon	Clinton Twp	70	13	GPS	378288	662894	3,833.1	22	
PDF Document	E201012296	Monitoring	MW-13	No	Permit	10/1/10	Route 31 North	Hunterdon	Clinton Twp	70	13	Digital Image	378285	662895	3,834.82	30	0
PDF Document	E201012295	Monitoring	MW-12	No	Record	10/7/10	Route 31 North	Hunterdon	Clinton Twp	70	13	GPS	378224	662871	3,827.32	19	
PDF Document	E201012295	Monitoring	MW-12	No	Permit	10/1/10	Route 31 North	Hunterdon	Clinton Twp	70	13	Digital Image	378246	662875	3,825.4	30	0
PDF Document	E201012294	Monitoring	MW-15	No	Decommissioning	5/13/19	Route 31 North	Hunterdon	Clinton Twp	70	13	GPS	378435	662888	3,793.4	19	
PDF Document	E201012294	Monitoring	MW-15	No	Record	10/7/10	Route 31 North	Hunterdon	Clinton Twp	70	13	GPS	378435	662888	3,793.4	19	
PDF Document	E201012294	Monitoring	MW-15	No	Permit	10/4/10	Route 31 North	Hunterdon	Clinton Twp	70	13	Digital Image	378432	662883	3,789.15	30	0
PDF Document	E201012293	Monitoring	MW-14	No	Decommissioning	5/13/19	1738 Route 31	Hunterdon	Clinton Twp	70	13	GPS	378414	662932	3,840.87	22	
PDF Document	E201012293	Monitoring	MW-14	No	Record	10/7/10	Route 31 North	Hunterdon	Clinton Twp	70	13	GPS	378414	662932	3,840.87	22	
PDF Document	E201012293	Monitoring	MW-14	No	Permit	10/1/10	Route 31 North	Hunterdon	Clinton Twp	70	13	Digital Image	378410	662936	3,845.64	30	0
REDACTED	P201011599	Test Well Future Potable Use	12R	Yes	Record	12/2/10	REDACTED	Hunterdon	Clinton Town	22	REDACTED	GPS	0	0	REDACTED	370	0
	P200804412	Piezometer	PW-3	No	Record	12/31/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	378700	662420	3,283.71	25	0
	P200804412	Piezometer		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	378669	662485	3,352.98	25	0
	P200804411	Piezometer	PW-2	No	Record	12/31/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	378610	662530	3,407.74	25	0
	P200804411	Piezometer		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	378585	662557	3,438.95	25	0
	P200804410	Piezometer	PW-1	No	Record	12/30/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	378560	662600	3,485.97	25	0
	P200804410	Piezometer		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	378550	662705	3,590.92	25	0
	P200804409	Monitoring	MW-4	No	Record	1/19/09	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	379260	662240	3,059.07	50	0
	P200804409	Monitoring		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	379530	662757	3,587.74	50	0
	P200804408	Monitoring	MW-3	No	Record	1/23/09	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	379670	662620	3,465.78	57	0
	P200804408	Monitoring		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	379289	662909	3,728.32	50	0
	P200804407	Monitoring	MW-2	No	Record	1/21/09	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	379310	662900	3,719.66	50	0
	P200804407	Monitoring		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	378802	662438	3,286.32	50	0
	P200804406	Monitoring	MW-1	No	Record	1/22/09	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	GPS	378440	662350	3,268.42	60	0
	P200804406	Monitoring		No	Permit	12/17/08	HIGHWAY 31	Hunterdon	Clinton Twp	70	13	Prop Loc - Dig Image	378439	662370	3,288.06	50	0
		Public Noncommunity Without Permit	FAKE WELL/ UNKNOWN	Yes	Virtual Permit	1/1/10	1531 RT 31	Hunterdon	Clinton Twp			Approx. Addr. Match	381710	658797			
		Domestic	1	Yes	Decommissioning	5/18/99	ROUTE 31	Hunterdon	Clinton Town	21	5	GIS Parcel Centroid	379191	657607			

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		Domestic	RIVERFIELD FAMILY PRACTICE WELL	Yes	Decommissioning	11/11/08	1738 RT 31	Hunterdon	Clinton Twp	70	13	GIS Parcel Centroid	378899	662795			
		Monitoring	MONITORING WELL	No	Decommissioning	2/2/07	1738 RT 31	Hunterdon	Clinton Twp	70	13	GIS Parcel Centroid	378899	662795			
		Piezometer	PZ-2	No	Decommissioning	11/9/93	WEST MAIN STREET	Hunterdon	Clinton Town	24	10	GIS Parcel Centroid	377998	655982			
PDF Document	Hand dug/cistern	Domestic	Cistem in barn	Yes	Decommissioning	1/31/14	34 Grayrock Road	Hunterdon	Clinton Twp	60	56	Digital Image	381951	659640	2,749.58		
REDACTED	4400028409	Public Community		Yes	Permit	10/9/91	REDACTED	Hunterdon	Clinton Twp	21	REDACTED	Prop Loc - Hard Copy	0	0	REDACTED	200	700
REDACTED	4400028409	Public Community		Yes	Record		REDACTED	Hunterdon	Clinton Twp	21	REDACTED	Prop Loc - Hard Copy	0	0	REDACTED	160	500
	2500021188	Domestic	1	Yes	Record	2/10/80	132 REINMAN RD	Somerset	Warren Twp	110	1.02	Prop Loc - Dig Image	378673	660642	1,567.3	100	0
	2500021188	Domestic		Yes	Permit	1/4/80		Somerset	Warren Twp	537	5	Prop Loc - Hard Copy	377153	659873		100	10
	2400046198	Monitoring	MW-2	No	Record	8/19/08	1747 STATE ROUTE 31	Hunterdon	Clinton Twp	68	11	GPS	377790	663156	4,231.21	15.5	0
	2400046145	Monitoring	PZ3R	No	Record	6/17/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Dig Image	377893	655787	3,651.53	14	0
	2400046145	Monitoring		No	Permit	7/31/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Dig Image	377893	655787	3,651.53	16	0
	2400046144	Monitoring	MW-8R	No	Record	6/17/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Dig Image	377893	655787	3,651.53	14	0
	2400046144	Monitoring		No	Permit	7/31/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Dig Image	377893	655787	3,651.53	16	0
PDF Document	2400046144	Monitoring	MW-8R	No	Decommissioning	1/18/19	15 W. MAIN ST	Hunterdon	Clinton Town	24	10	GPS	377997	655757	3,642.64	14	
	2400046143	Monitoring	MW-4RR	No	Record	6/17/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	377893	655787		14	0
	2400046143	Monitoring		No	Permit	7/22/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	377893	655787		16	0
PDF Document	2400046143	Monitoring	MW-4RR	No	Decommissioning	1/18/19	15 W. MAIN ST	Hunterdon	Clinton Town	24	10	GPS	377886	655778	3,662.48	14	
	2400046142	Monitoring	MW-3R	No	Record	6/17/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	377893	655787		15	0
	2400046142	Monitoring		No	Permit	7/22/08	15 W. MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	377893	655787		16	0
PDF Document	2400046142	Monitoring	MW-3R	No	Decommissioning	1/18/19	15 W. MAIN ST	Hunterdon	Clinton Town	24	10	GPS	377843	655751	3,703.58	15	
	2400046133	Monitoring	MW-13	No	Record	7/8/08	82 WEST MAIN STREET	Hunterdon	Clinton Town	6	101	GPS	375978	655462	4,946.92	15	0
	2400045972	Monitoring	BW-1 (12MW-1)	No	Decommissioning	3/9/09	12 HALSTEAD STREET	Hunterdon	Clinton Twp	15	4	Prop Loc - Hard Copy	379771	659153		19.5	0
	2400045972	Monitoring	BW-1 (12MW-1)	No	Record	2/7/08	12 HALSTEAD STREET	Hunterdon	Clinton Twp	15	4	Prop Loc - Hard Copy	379771	659153		19.5	0
	2400045972	Monitoring		No	Permit	12/28/07	12 HALSTEAD STREET	Hunterdon	Clinton Twp	15	4	Prop Loc - Hard Copy	379771	659153		35	0
	2400045964	Monitoring	MW1	No	Decommissioning	8/23/08	39 MAIN STREET	Hunterdon	Clinton Town	11	12	Prop Loc - Hard Copy	377684	657847		14.5	0
	2400045964	Monitoring	MW1	No	Record	12/28/07	39 MAIN STREET	Hunterdon	Clinton Town	11	12	Prop Loc - Hard Copy	377684	657847		14.5	0
	2400045964	Monitoring		No	Permit	12/10/07	39 MAIN STREET	Hunterdon	Clinton Town	11	12	Prop Loc - Hard Copy	377684	657847		15	0
REDACTED	2400045311	Public Community	15	Yes	Record	1/4/93	REDACTED	Hunterdon	Clinton Town	29	REDACTED	GPS	0	0	REDACTED	660	350
REDACTED	2400045311	Public Community		Yes	Permit	11/28/06	REDACTED	Hunterdon	Clinton Town	29	REDACTED	GPS	0	0	REDACTED	660	500
	2400045275	Irrigation	1	Yes	Record	11/16/05	GRAY ROCK ROAD	Hunterdon	Clinton Twp	60	56	Prop Loc - Hard Copy	381852	659143		590	8
	2400045275	Irrigation		Yes	Permit	10/20/06	GRAY ROCK ROAD	Hunterdon	Clinton Twp	60	56	Prop Loc - Hard Copy	381852	659143		590	30

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	2400045262	Monitoring	OW-SS	No	Record	11/10/06	10 SCHOOL STREET	Hunterdon	Clinton Town	22	13	Prop Loc - Hard Copy	377677	656532		400	0
	2400045262	Monitoring		No	Permit	10/11/06	10 SCHOOL STREET	Hunterdon	Clinton Town	22	13	Prop Loc - Hard Copy	377677	656532		400	0
PDF Document	2400045008	Monitoring	MW-12D	No	Decommissioning	12/13/17	82 WEST MAIN ST	Hunterdon	Clinton Town	6	1.01	GPS	376031	655567	4,833.08	25	
	2400044669	Irrigation		Yes	Permit	1/24/06	6 ALTON PLACE	Hunterdon	Clinton Town	31	4	Prop Loc - Hard Copy	379759	656522		107	10
	2400044669	Irrigation		Yes	Record	1/1/60	6 ALTON PLACE	Hunterdon	Clinton Town	31	4	Prop Loc - Hard Copy	379759	656522		107	12
PDF Document	2400044616	Monitoring	MW-2R	No	Decommissioning	12/13/17	82 W MAIN ST	Hunterdon	Clinton Town	6	1.01	GPS	376032	655560	4,837.65	35	
	2400044615	Monitoring	OW-1	No	Record	1/11/06	IN FRONT OF #66 RIVERSIDE DR.	Hunterdon	Clinton Town	23	9	Prop Loc - Hard Copy	377677	656532		387	0
	2400044615	Monitoring		No	Permit	12/14/05	IN FRONT OF #66 RIVERSIDE DR.	Hunterdon	Clinton Town	23	9	Prop Loc - Hard Copy	377677	656532		300	0
	2400044535	Public Non-Community	1	Yes	Record	11/16/05	GRAY ROCK ROAD	Hunterdon	Clinton Twp	60	56	Prop Loc - Hard Copy	381852	659143		590	0
	2400044535	Public Non-Community		Yes	Permit	10/26/05	GRAY ROCK ROAD	Hunterdon	Clinton Twp	60	56	Prop Loc - Hard Copy	381852	659143		300	20
REDACTED	2400044318	Public Community	WELL 12	Yes	Record	11/16/79	REDACTED	Hunterdon	Clinton Town	22	REDACTED	GPS	0	0	REDACTED	370	284
REDACTED	2400044318	Public Community		Yes	Permit	7/6/05	REDACTED	Hunterdon	Clinton Town	22	REDACTED	GPS	0	0	REDACTED	370	200
	2400043955	Monitoring	MW1	No	Record	1/28/05	33 MAIN STREET	Hunterdon	Clinton Town	11	10	Prop Loc - Hard Copy	377684	657847		13	1
	2400043955	Monitoring		No	Permit	1/12/05	33 MAIN STREET	Hunterdon	Clinton Town	11	10	Prop Loc - Hard Copy	377684	657847		15	0
	2400043181	Monitoring	B-2	No	Record	3/2/04	65 OLD HIGHWAY	Hunterdon	Clinton Town	21	25	Prop Loc - Hard Copy	382848	657824		26	0
	2400043181	Monitoring		No	Permit	2/18/04	65 OLD HIGHWAY	Hunterdon	Clinton Town	21	25	Prop Loc - Hard Copy	382848	657824		30	0
	2400042817	Monitoring	MW-4R	No	Record	8/22/03	11 W MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	377684	657847		16	0
	2400042817	Monitoring		No	Permit	8/21/03	11 W MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	377684	657847		16	1
	2400042810	Monitoring	MW-1	No	Record	8/23/03	44 CENTER ST.	Hunterdon	Clinton Twp	13	3	Prop Loc - Hard Copy	377684	657847		30	0
	2400042810	Monitoring		No	Permit	8/20/03	44 CENTER ST.	Hunterdon	Clinton Twp	13	3	Prop Loc - Hard Copy	377684	657847		30	0
	2400042411	Monitoring	MW9	No	Record	2/28/03	54-64 HIGHWAY 22	Hunterdon	Clinton Twp	20	20,22	Prop Loc - Hard Copy	379222	657233		12	0
	2400042411	Monitoring		No	Permit	2/27/03	54-64 HIGHWAY 22	Hunterdon	Clinton Twp	20	20,22	Prop Loc - Hard Copy	379222	657233		20	0
	2400042410	Monitoring	MW8	No	Record	2/28/03	54-64 HIGHWAY 22	Hunterdon	Clinton Twp	20	20,22	Prop Loc - Hard Copy	379222	657233		12	0
	2400042410	Monitoring		No	Permit	2/27/03	54-64 HIGHWAY 22	Hunterdon	Clinton Twp	20	20,22	Prop Loc - Hard Copy	379222	657233		20	0
	2400042153	Monitoring	RW1	No	Record	10/17/02	82 WEST MAIN ST	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	378149	658553		20	0
	2400042153	Monitoring		No	Permit	10/11/02	82 WEST MAIN ST	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	378149	658553		20	0
PDF Document	2400042153	Monitoring	RW1	No	Decommissioning	12/13/17	82 WEST MAIN ST	Hunterdon	Clinton Town	6	1.01	GPS	375985	655562	4,867.46	20	
	2400041862	Monitoring	MW7	No	Record	2/27/03	54-64 HIGHWAY 22	Hunterdon	Clinton Town	20	20,22	Prop Loc - Hard Copy	379222	657233		12	0
	2400041862	Monitoring		No	Permit	7/12/02	54-64 HIGHWAY 22	Hunterdon	Clinton Town	20	20,22	Prop Loc - Hard Copy	379222	657233		20	0
	2400041221	Monitoring	MW1	No	Record	1/25/02	37-43 OLD RT 22 EAST	Hunterdon	Clinton Twp	21	34	Prop Loc - Hard Copy	378149	658553		17	
	2400041221	Monitoring		No	Permit	1/18/02	37-43 OLD RT 22 EAST	Hunterdon	Clinton Twp	21	34	Prop Loc - Hard Copy	378149	658553		20	0

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	2400040757	Boring/Individual		No	Permit	8/28/01	STATE HWY #31	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	379229	658548		50	0
	2400040757	Boring/Individual		No	Record	9/10/01	STATE HWY #31	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	379229	658548		46	
	2400040683	Boring/Individual	B-2	No	Record	8/16/01	CENTER ST & MAIN ST (NJSH	Hunterdon	Clinton Twp	75	2	Prop Loc - Hard Copy	380231	658544		26	
	2400040683	Boring/Individual		No	Permit	8/6/01	CENTER ST & MAIN ST (NJSH	Hunterdon	Clinton Twp	75	2	Prop Loc - Hard Copy	380231	658544		50	0
	2400040652	Monitoring	VP4	No	Record	8/9/01	80 W MAIN ST	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	379222	657233		7	
	2400040652	Monitoring		No	Permit	7/24/01	80 W MAIN ST	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	379222	657233		10	0
	2400040651	Monitoring	V3	No	Record	8/9/01	80 W MAIN ST	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	379222	657233		7	
	2400040651	Monitoring		No	Permit	7/24/01	80 W MAIN ST	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	379222	657233		10	0
	2400040429	Monitoring	MW1	No	Record	5/17/01	ROUTE 31 @ HALSTEAD ST	Hunterdon	Clinton Town	69	3	Prop Loc - Hard Copy	377160	661290		27	
	2400040429	Monitoring		No	Permit	5/14/01	ROUTE 31 @ HALSTEAD ST	Hunterdon	Clinton Town	69	3	Prop Loc - Hard Copy	377160	661290		60	0
	2400039996	Monitoring	MW-16E	No	Record	4/17/01	MOEBUS PLACE	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	380298	659787		116	0
	2400039996	Monitoring		No	Permit	12/21/00	MOEBUS PLACE	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	379235	659864		600	0
	2400039995	Monitoring	MW-16S	No	Record	4/9/01	MOEBUS PLACE	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	380440	659846		649	0
	2400039995	Monitoring		No	Permit	12/21/00	MOEBUS PLACE	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	379235	659864		600	0
	2400039994	Test	MW-16W	No	Record	4/20/01	MOEBUS PLACE	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	380210	659923		573	0
	2400039994	Test		No	Permit	12/21/00	MOEBUS PLACE	Hunterdon	Clinton Town	18	5	Prop Loc - Hard Copy	379235	659864		600	300
PDF Document	2400039447	Monitoring	MW-9	No	Decommissioning	12/13/17	82 W MAIN ST	Hunterdon	Clinton Town	6	1.01	GPS	376114	655660	4,708.43	15	
PDF Document	2400039446	Monitoring	MW-8	No	Decommissioning	12/13/17	82 W MAIN ST	Hunterdon	Clinton Town	6	1.01	GPS	376032	655624	4,789.94	15	
	2400038545	Monitoring	VW#1	No	Record	11/29/99	82 W. MAIN STREET	Hunterdon	Clinton Twp	6,24	1.01	Prop Loc - Hard Copy	379229	658548		10	
	2400038545	Monitoring		No	Permit	11/9/99	82 W. MAIN STREET	Hunterdon	Clinton Twp	6,24	1.01	Prop Loc - Hard Copy	379229	658548		20	0
	2400038544	Monitoring	VW#2	No	Record	11/29/99	82 W. MAIN STREET	Hunterdon	Clinton Twp	6,24	1.01	Prop Loc - Hard Copy	379229	658548		10	
	2400038544	Monitoring		No	Permit	11/9/99	82 W. MAIN STREET	Hunterdon	Clinton Twp	6,24	1.01	Prop Loc - Hard Copy	379229	658548		20	0
	2400037825	Monitoring	MW-1	No	Record	1/4/99	2 EAST MAIN ST.	Hunterdon	Clinton Twp	12	2	Prop Loc - Hard Copy	378149	658553		25	
	2400037825	Monitoring		No	Permit	6/8/99	2 EAST MAIN ST.	Hunterdon	Clinton Twp	12	2	Prop Loc - Hard Copy	378149	658553		25	0
	2400037243	Monitoring	MWW 1	No	Record	1/4/99	35 LEIGH ST.	Hunterdon	Clinton Twp	12	1	Prop Loc - Hard Copy	378149	658553		24	
	2400037243	Monitoring		No	Permit	12/23/98	35 LEIGH ST.	Hunterdon	Clinton Twp	12	1	Prop Loc - Hard Copy	378149	658553		35	0
	2400036573	Monitoring	MW5	No	Decommissioning	10/3/11	98 RT. 173	Hunterdon	Clinton Twp	1	34	Digital Image	376139	657247	3,654.63	16	
	2400036573	Monitoring	MW5	No	Record	8/27/98	98 RT. 173	Hunterdon	Clinton Twp	1	34	Prop Loc - Hard Copy	376139	657247		16	
	2400036573	Monitoring		No	Permit	6/22/98	98 RT. 173	Hunterdon	Clinton Twp	1	34	Prop Loc - Hard Copy	376139	657247		15	0
	2400036572	Monitoring	MW4	No	Record	8/27/98	98 RT. 173	Hunterdon	Clinton Twp	1	34	Prop Loc - Hard Copy	376139	657247		16	
	2400036572	Monitoring		No	Permit	6/22/98	98 RT. 173	Hunterdon	Clinton Twp	1	34	Prop Loc - Hard Copy	376139	657247		15	0

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	2400035881	Monitoring	MW7	No	Record	2/2/98	82 WEST MAIN ST.	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	376139	657247		18	0
	2400035881	Monitoring		No	Permit	12/16/97	82 WEST MAIN ST.	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	376139	657247		18	0
PDF Document	2400035881	Monitoring	MW7	No	Decommissioning	12/13/17	82 WEST MAIN ST.	Hunterdon	Clinton Town	6	1.01	GPS	376082	655604	4,771.57	18	
	2400035880	Monitoring	MW6	No	Record	2/2/98	82 WEST MAIN ST.	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	376139	657247		18	0
	2400035880	Monitoring		No	Permit	12/16/97	82 WEST MAIN ST.	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	376139	657247		18	0
	2400035879	Monitoring	MW5	No	Record	2/2/98	82 WEST MAIN ST.	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	376139	657247		18	0
	2400035879	Monitoring		No	Permit	12/16/97	82 WEST MAIN ST.	Hunterdon	Clinton Twp	6	1.01	Prop Loc - Hard Copy	376139	657247		18	0
	2400035865	Boring/Individual	B-4	No	Record	3/13/98	STATE HWY. #31	Hunterdon	Clinton Twp	18	5	Prop Loc - Hard Copy	379229	658548		39	
	2400035865	Boring/Individual		No	Permit	12/5/97	STATE HWY. #31	Hunterdon	Clinton Twp	18	5	Prop Loc - Hard Copy	379229	658548		50	0
	2400035864	Boring/Individual		No	Permit	12/5/97	STATE HWY. #31	Hunterdon	Clinton Twp	71.04,6	1,56	Prop Loc - Hard Copy	379229	658548		50	0
	2400035864	Boring/Individual		No	Record	3/13/98	STATE HWY. #31	Hunterdon	Clinton Twp	71.04,6	1,56	Prop Loc - Hard Copy	379229	658548		40	
	2400035607	Boring/Individual	B2	No	Record	9/16/97	79 BEAVER AVE.	Hunterdon	Clinton Twp	59	3	Prop Loc - Hard Copy	382318	659850		35	0
	2400035607	Boring/Individual		No	Permit	9/2/97	79 BEAVER AVE.	Hunterdon	Clinton Twp	59	3	Prop Loc - Hard Copy	382318	659850		50	0
	2400035606	Boring/Individual	B1	No	Record	6/16/97	79 BEAVER AVE.	Hunterdon	Clinton Twp	59	3	Prop Loc - Hard Copy	382318	659850		30	0
	2400035606	Boring/Individual		No	Permit	9/2/97	79 BEAVER AVE.	Hunterdon	Clinton Twp	59	3	Prop Loc - Hard Copy	382318	659850		50	0
	2400035435	Piezometer	P-1	No	Record	7/17/97	ROUTE 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382312	658534		27	0
	2400035435	Piezometer		No	Permit	6/25/97	ROUTE 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382312	658534		100	
	2400035350	Test	I-6	No	Record	5/27/97	RT. 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382312	658534		430	0
	2400035350	Test		No	Permit	5/20/97	RT. 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382312	658534		300	69
	2400035304	Irrigation	I-5	Yes	Decommissioning	1/6/98	ROUTE 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		300	0
	2400035304	Irrigation	I-5	Yes	Record	5/12/97	ROUTE 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		300	0
	2400035304	Irrigation		Yes	Permit	5/5/97	ROUTE 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		300	100
	2400035272	Irrigation	I-4	Yes	Record	6/4/97	RT. 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		520	0
	2400035272	Irrigation		Yes	Permit	4/22/97	RT. 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		300	200
	2400035271	Irrigation	I-3	Yes	Decommissioning	7/13/98	ROUTE 31 & COUNTRY CLUB DRIVE	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		395	0
	2400035271	Irrigation	I-3	Yes	Record	4/30/97	RT. 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		395	0
	2400035271	Irrigation		Yes	Permit	4/22/97	RT. 31	Hunterdon	Clinton Twp	79.01	4	Prop Loc - Hard Copy	382306	657219		300	200
	2400034732	Monitoring	M-1	No	Record	10/21/96	ARROW MILL SHOPPING PLAZA	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	378162	661285		50	0
	2400034732	Monitoring		No	Permit	9/10/96	ARROW MILL SHOPPING PLAZA	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	378162	661285		30	
	2400034731	Piezometer	RW20A	No	Record	9/11/96	NR. INTERSECTIN OF RT 31	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	376158	661295		50	0
	2400034731	Piezometer		No	Permit	9/10/96	NR. INTERSECTIN OF RT 31	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	376158	661295		45	

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	2400034624	Piezometer	P36-8	No	Record	9/9/96	NEAR RT 31 & HALSTEAD ST.	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	376158	661295		90	0
	2400034624	Piezometer		No	Permit	7/26/96	NEAR RT 31 & HALSTEAD ST.	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	376158	661295		40	
	2400034623	Boring/Individual		No	Permit	7/26/96	NEAR RT 31 AND HALSTEAD ST.	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	376158	661295		60	
	2400034205	Monitoring	MW15	No	Record	3/18/96	RT. 31 NORTH	Hunterdon	Clinton Twp	70	11	Prop Loc - Hard Copy	377166	662606		20	0
	2400034205	Monitoring		No	Permit	3/14/96	RT. 31 NORTH	Hunterdon	Clinton Twp	70	11	Prop Loc - Hard Copy	377166	662606		30	
	2400034204	Monitoring	MW14	No	Record	3/18/96	RT. 31 NORTH	Hunterdon	Clinton Twp	70	11	Prop Loc - Hard Copy	377166	662606		20	0
	2400034204	Monitoring		No	Permit	3/14/96	RT. 31 NORTH	Hunterdon	Clinton Twp	70	11	Prop Loc - Hard Copy	377166	662606		30	
	2400034084	Boring/Individual	B-3	No	Record	2/11/96	1746 ROUTE 31	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		20	0
	2400034084	Boring/Individual		No	Permit	1/25/96	1746 ROUTE 31	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		30	
	2400034083	Boring/Individual	B-2	No	Record	2/8/96	1746 ROUTE 31	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		25	0
	2400034083	Boring/Individual		No	Permit	1/25/96	1746 ROUTE 31	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		30	
	2400034082	Boring/Individual	B-1	No	Record	2/8/96	1746 ROUTE 31	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		20	0
	2400034082	Boring/Individual		No	Permit	1/25/96	1746 ROUTE 31	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		30	
	2400033482	Monitoring	MW13	No	Record	7/24/95	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	377166	662606		30	0
	2400033482	Monitoring		No	Permit	7/13/95	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	377166	662606		30	
PDF Document	2400033482	Monitoring	MW13	No	Decommissioning	5/15/17	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	13	GPS	378219	662908	3,864.32	30	
	2400033481	Monitoring	MW12	No	Record	7/24/95	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	377166	662606		25	0
	2400033481	Monitoring		No	Permit	7/13/95	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	377166	662606		30	
	2400033390	Piezometer	P-2(B3)	No	Record	7/24/95	RT. 31 & HALSTEAD ST.	Hunterdon	Clinton Twp	69	3	Prop Loc - Hard Copy	377160	661290		22	0
	2400033390	Piezometer		No	Permit	6/20/95	RT. 31 & HALSTEAD ST.	Hunterdon	Clinton Twp	69	3	Prop Loc - Hard Copy	377160	661290		35	
	2400033389	Piezometer	P-1(B-2)	No	Record	7/21/95	RT. 31 & HALSTEAD ST.	Hunterdon	Clinton Twp	69	3	Prop Loc - Hard Copy	377160	661290		17	0
	2400033389	Piezometer		No	Permit	6/20/95	RT. 31 & HALSTEAD ST.	Hunterdon	Clinton Twp	69	3	Prop Loc - Hard Copy	377160	661290		35	
	2400033131	Boring/Individual	B-1	No	Record	6/9/95	RT. 31	Hunterdon	Clinton Twp	69	3	Prop Loc - Hard Copy	377160	661290		0	
	2400033131	Boring/Individual		No	Permit	3/30/95	RT. 31	Hunterdon	Clinton Twp	69	3	Prop Loc - Hard Copy	377160	661290		30	
	2400031486	Monitoring	2A	No	Record	12/16/93	WEST MAIN STREET	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	376158	661295		13	0
	2400031486	Monitoring		No	Permit	12/2/93	WEST MAIN STREET	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	376158	661295		20	
	2400031455	Piezometer	RW-20	No	Record	8/9/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		75	0
	2400031455	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031454	Piezometer	RW-22	No	Record	8/19/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		106	0
	2400031454	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031453	Piezometer	P-36-7	No	Record	8/11/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		77	0

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	2400031453	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031452	Piezometer	P-36-6	No	Record	8/25/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		77	0
	2400031452	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031451	Piezometer	P-36-5	No	Record	8/8/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		72	0
	2400031451	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031450	Piezometer	P-22	No	Record	8/17/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		50	0
	2400031450	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031449	Piezometer	RW-21	No	Record	8/16/94	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		82	0
	2400031449	Piezometer		No	Permit	11/23/93	SPRUCE RUN RESERVIOR	Hunterdon	Clinton Twp	N/A	N/A	Prop Loc - Hard Copy	379247	662596		30	
	2400031382	Monitoring	11	No	Record	11/8/93	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		30	0
	2400031382	Monitoring		No	Permit	11/4/93	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		25	
PDF Document	2400031382	Monitoring	11	No	Decommissioning	5/13/19	1746 Route 31	Hunterdon	Clinton Twp	70	14	GPS	378270	662994	3,934.45	30	
	2400031381	Monitoring	10	No	Record	11/8/93	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		30	0
	2400031381	Monitoring		No	Permit	11/4/93	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		25	
PDF Document	2400031381	Monitoring	10	No	Decommissioning	5/15/17	ROUTE 31 NORTH	Hunterdon	Clinton Twp	70	14	GPS	378134	662959	3,936.56	30	
	2400031091	Monitoring	OW2	No	Record	10/11/93	43 LEIGH STREET	Hunterdon	Clinton Town	29	3	Prop Loc - Hard Copy	378137	655922		660	
	2400031091	Monitoring		No	Permit	8/9/93	43 LEIGH STREET	Hunterdon	Clinton Town	29	3	Prop Loc - Hard Copy	378137	655922		660	
	2400031090	Monitoring	OW1	No	Record	10/11/93	43 LEIGH STREET	Hunterdon	Clinton Town	29	3	Prop Loc - Hard Copy	378137	655922		660	
	2400031090	Monitoring		No	Permit	8/9/93	43 LEIGH STREET	Hunterdon	Clinton Town	29	3	Prop Loc - Hard Copy	378137	655922		660	
	2400030354	Monitoring	MW-6	No	Record	1/15/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		9	
	2400030354	Monitoring		No	Permit	1/12/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		20	
	2400030353	Monitoring	MW-5	No	Record	1/14/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		13	
	2400030353	Monitoring		No	Permit	1/12/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		20	
	2400030352	Monitoring	MW-4	No	Record	1/14/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		13	
	2400030352	Monitoring		No	Permit	1/12/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		20	
	2400030351	Monitoring	MW-3	No	Record	1/14/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		12	
	2400030351	Monitoring		No	Permit	1/12/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		20	
	2400030350	Monitoring	MW-2	No	Record	1/14/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		9	
	2400030350	Monitoring		No	Permit	1/12/93	RT. 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		20	
	2400030349	Monitoring	MW-1	No	Record	1/14/93	54-64 HIGHWAY 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		9	
	2400030349	Monitoring		No	Permit	1/12/93	54-64 HIGHWAY 22	Hunterdon	Clinton Twp	22	20	Prop Loc - Hard Copy	379222	657233		20	

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	2400030163	Test		No	Permit	11/10/92	LEIGH STREET	Hunterdon	Clinton Town	29	3	Prop Loc - Hard Copy	377135	655927		650	500
	2400030163	Test		No	Record	1/4/93	LEIGH STREET	Hunterdon	Clinton Town	29	3	Prop Loc - Hard Copy	377135	655927		660	
	2400029901	Test		No	Permit	9/9/92	LEIGH STREET	Hunterdon	Clinton Twp	29	3	Prop Loc - Hard Copy	378137	655922		500	500
	2400029901	Test		No	Record	12/14/92	LEIGH STREET	Hunterdon	Clinton Twp	29	3	Prop Loc - Hard Copy	378137	655922		660	
	2400029832	Monitoring	MW9	No	Record	9/11/92	RT 31 NORTH	Hunterdon	Clinton Town	70	14	Prop Loc - Hard Copy	377166	662606		23	
	2400029832	Monitoring		No	Permit	8/12/92	RT 31 NORTH	Hunterdon	Clinton Town	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400029831	Monitoring	MW8	No	Record	9/11/92	RT 31 NORTH	Hunterdon	Clinton Town	70	14	Prop Loc - Hard Copy	377166	662606		23	
	2400029831	Monitoring		No	Permit	8/12/92	RT 31 NORTH	Hunterdon	Clinton Town	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400029830	Monitoring	MW7	No	Record	9/11/92	RT 31 NORTH	Hunterdon	Clinton Town	70	14	Prop Loc - Hard Copy	377166	662606		23	
	2400029830	Monitoring		No	Permit	8/12/92	RT 31 NORTH	Hunterdon	Clinton Town	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400029665	Monitoring	MW-4	No	Record	6/30/92	82 W MAIN ST	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		15	0
	2400029665	Monitoring	MW4	No	Record	6/30/92	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		15	
	2400029665	Monitoring		No	Permit	6/30/92	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		20	
	2400029664	Monitoring	MW3	No	Record	6/30/92	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		15	
	2400029664	Monitoring		No	Permit	6/30/92	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		20	
	2400028776	Monitoring	MW1	No	Record	12/19/91	PO BOX 5265	Hunterdon	Clinton Town	22	18.01	Prop Loc - Hard Copy	378149	658553		18	
	2400028776	Monitoring		No	Permit	12/17/91	PO BOX 5265	Hunterdon	Clinton Town	22	18.01	Prop Loc - Hard Copy	378149	658553		30	
	2400028338	Monitoring	MW1	No	Record	9/30/91	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		16	
	2400028338	Monitoring		No	Permit	9/26/91	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		25	
	2400028337	Monitoring	MW2	No	Record	9/30/91	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		16	
	2400028337	Monitoring		No	Permit	9/26/91	82 WEST MAIN STREET	Hunterdon	Clinton Twp	6	101	Prop Loc - Hard Copy	376133	655932		25	
PDF Document	2400028068	Monitoring	MW4	No	Decommissioning	12/13/17	82 W. Main St	Hunterdon	Clinton Town	6	1.01	GPS	376168	655604	4,715.09	18	
PDF Document	2400028067	Monitoring	MW3	No	Decommissioning	12/13/17	82 W. Main St	Hunterdon	Clinton Town	6	1.01	GPS	376135	655671	4,686.27	17	
	2400027775	Domestic		Yes	Permit	4/9/91	ROUTE 31 NORTH	Hunterdon	Lebanon Twp	08	6.01	Prop Loc - Hard Copy	380243	661276		300	10
	2400027775	Domestic		Yes	Record	5/22/91	ROUTE 31 NORTH	Hunterdon	Lebanon Twp	08	6.01	Prop Loc - Hard Copy	380243	661276		340	7
	2400027336	Monitoring	MW6	No	Record	7/3/91	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		15	
	2400027336	Monitoring		No	Permit	9/14/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		40	
PDF Document	2400027336	Monitoring	MW6	No	Decommissioning	5/15/17	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	GPS	378268	663063	4,001.84	15	
	2400027335	Monitoring	MW5	No	Record	7/3/91	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400027335	Monitoring		No	Permit	9/14/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		40	
PDF Document	2400027335	Monitoring	MW5	No	Decommissioning	5/15/17	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	GPS	378143	662992	3,965.74	20	

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	2400027334	Monitoring	MW4	No	Record	9/27/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		23	
	2400027334	Monitoring		No	Permit	9/14/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		40	
PDF Document	2400027334	Monitoring	MW4	No	Decommissioning	5/15/17	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	GPS	378175	663058	4,020.62	23	
	2400027333	Monitoring	MW3	No	Record	9/27/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400027333	Monitoring		No	Permit	9/14/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		40	
	2400027332	Monitoring	MW2	No	Record	9/27/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400027332	Monitoring		No	Permit	9/14/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		40	
	2400027331	Monitoring	MW1	No	Record	9/27/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		20	
	2400027331	Monitoring		No	Permit	9/14/90	RT 31 NORTH	Hunterdon	Clinton Twp	70	14	Prop Loc - Hard Copy	377166	662606		40	
	2400027299	Monitoring	MW3	No	Record	9/18/90	PO BOX 327	Hunterdon	Clinton Town	1	34	Prop Loc - Hard Copy	377141	657243		15	
	2400027299	Monitoring		No	Permit	9/10/90	PO BOX 327	Hunterdon	Clinton Town	1	34	Prop Loc - Hard Copy	377141	657243		40	
	2400027298	Monitoring	MW-2	No	Decommissioning	10/3/11	98 RT. 173	Hunterdon	Clinton Town	1	34	Digital Image	377141	657243	2,857.15	14	
	2400027298	Monitoring	MW2	No	Record	9/18/90	PO BOX 327	Hunterdon	Clinton Town	1	34	Prop Loc - Hard Copy	377141	657243		14	
	2400027298	Monitoring		No	Permit	9/10/90	PO BOX 327	Hunterdon	Clinton Town	1	34	Prop Loc - Hard Copy	377141	657243		40	
	2400027297	Monitoring	MW1	No	Record	9/18/90	PO BOX 327	Hunterdon	Clinton Town	1	34	Prop Loc - Hard Copy	377141	657243		10	
	2400027297	Monitoring		No	Permit	9/10/90	PO BOX 327	Hunterdon	Clinton Town	1	34	Prop Loc - Hard Copy	377141	657243		40	
	2400025986	Monitoring		No	Permit	10/23/89	ROUTE 513	Hunterdon	Union Twp	22	20	Prop Loc - Hard Copy	376133	655932		30	
	2400025886	Monitoring	RW-2	No	Record	10/31/89	11 W MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	13	0
	2400025886	Monitoring		No	Permit	9/22/89	MAIN STREET	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	376158	661295		20	
	2400025885	Monitoring	RW-1	No	Record	10/30/89	11 W MAIN ST	Hunterdon	Clinton Twp	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	13	0
	2400025885	Monitoring		No	Permit	9/22/89	MAIN STREET	Hunterdon	Clinton Twp	24	10	Prop Loc - Hard Copy	376158	661295		20	
	2400025685	Monitoring	MW2	No	Record	7/27/89	RT 31 & PAYNE ROAD	Hunterdon	Clinton Twp	89	8-1	Prop Loc - Hard Copy	379229	658548		13	
	2400025685	Monitoring		No	Permit	7/27/89	RT 31 & PAYNE ROAD	Hunterdon	Clinton Twp	89	8-1	Prop Loc - Hard Copy	379229	658548		40	
	2400025684	Monitoring	MW1	No	Record	7/28/89	RT 31 & PAYNE ROAD	Hunterdon	Clinton Twp	89	8-1	Prop Loc - Hard Copy	379229	658548		19	
	2400025684	Monitoring		No	Permit	7/27/89	RT 31 & PAYNE ROAD	Hunterdon	Clinton Twp	89	8-1	Prop Loc - Hard Copy	379229	658548		40	
	2400025683	Monitoring	MW3	No	Record	3/27/89	RT 31 & PAYNE ROAD	Hunterdon	Clinton Twp	89	8-1	Prop Loc - Hard Copy	379229	658548		23	
	2400025683	Monitoring		No	Permit	7/27/89	RT 31 & PAYNE ROAD	Hunterdon	Clinton Twp	89	8-1	Prop Loc - Hard Copy	379229	658548		40	
	2400025451	Monitoring	W-3	No	Record	4/20/89	53 RT 173	Hunterdon	Clinton Twp	21	30.01	Prop Loc - Hard Copy	379229	658548		12	0
	2400025451	Monitoring		No	Permit	5/24/89	53 HIGHWAY 173	Hunterdon	Clinton Twp	21	30.01	Prop Loc - Hard Copy	379229	658548		18	
	2400025450	Monitoring	W-2	No	Record	4/20/89	53 RT 173	Hunterdon	Clinton Twp	21	30.01	Prop Loc - Hard Copy	379229	658548		12	0
	2400025450	Monitoring		No	Permit	5/24/89	53 HIGHWAY 173	Hunterdon	Clinton Twp	21	30.01	Prop Loc - Hard Copy	379229	658548		18	

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	2400025449	Monitoring	W-1	No	Record	4/20/89	53 RT 173	Hunterdon	Clinton Twp	21	30.01	Prop Loc - Hard Copy	379229	658548		11	0
	2400025449	Monitoring		No	Permit	5/24/89	53 HIGHWAY 173	Hunterdon	Clinton Twp	21	30.01	Prop Loc - Hard Copy	379229	658548		18	
	2400025441	Piezometer	OW2	No	Record	6/22/89	RT 31	Hunterdon	Clinton Twp	68	9.02	Prop Loc - Hard Copy	376164	662610		12	
	2400025441	Piezometer		No	Permit	5/23/89	RT 31	Hunterdon	Clinton Twp	68	9.02	Prop Loc - Hard Copy	376164	662610		40	
	2400025440	Piezometer	OW1	No	Record	6/23/89	RT 31	Hunterdon	Clinton Twp	68	9.02	Prop Loc - Hard Copy	376164	662610		26	
	2400025440	Piezometer		No	Permit	5/23/89	RT 31	Hunterdon	Clinton Twp	68	9.02	Prop Loc - Hard Copy	376164	662610		40	
	2400025007	Test		No	Permit	3/13/89	HALSTED STREET	Hunterdon	Clinton Twp	16	1	Prop Loc - Hard Copy	376151	659878		200	1
	2400025007	Test		No	Record	2/26/89	HALSTED STREET	Hunterdon	Clinton Twp	16	1	Prop Loc - Hard Copy	376151	659878		200	
	2400024908	Test		No	Permit	1/4/89	LEIGH STREET	Hunterdon	Clinton Twp	16	1	Prop Loc - Hard Copy	376158	661295		400	300
	2400024908	Test		No	Record	1/25/89	LEIGH STREET	Hunterdon	Clinton Twp	16	1	Prop Loc - Hard Copy	376158	661295		500	
	2400024700	Monitoring	B6	No	Record	10/8/88	CENTER STREET	Hunterdon	Clinton Twp	1	1	Prop Loc - Hard Copy	378149	658553		40	
	2400024700	Monitoring		No	Permit	10/14/88	CENTER STREET	Hunterdon	Clinton Twp	1	1	Prop Loc - Hard Copy	378149	658553		20	
	2400024699	Monitoring	B1	No	Record	10/5/88	CENTER STREET	Hunterdon	Clinton Twp	1	1	Prop Loc - Hard Copy	378149	658553		25	
	2400024699	Monitoring		No	Permit	10/14/88	CENTER STREET	Hunterdon	Clinton Twp	1	1	Prop Loc - Hard Copy	378149	658553		20	
	2400024655	Boring/Individual	B4	No	Record	10/7/88	CENTER STREET	Hunterdon	Clinton Twp	1	1	Prop Loc - Hard Copy	378149	658553			
	2400024655	Boring/Individual		No	Permit	9/30/88	CENTER STREET	Hunterdon	Clinton Twp	1	1	Prop Loc - Hard Copy	378149	658553		25	
	2400024311	Boring/Individual	B-6	No	Record	6/27/88	1712 RT 31	Hunterdon	Clinton Twp	70	3	Prop Loc - Dig Image	378673	660642	1,567.3	1	0
	2400024310	Boring/Individual	B-5	No	Record	6/27/88	1712 RT 31	Hunterdon	Clinton Twp	70	3	Prop Loc - Dig Image	378673	660642	1,567.3	1	0
	2400024309	Boring/Individual	B-4	No	Record	6/24/88	1712 RT 31	Hunterdon	Clinton Twp	70	3	Prop Loc - Dig Image	378673	660642	1,567.3	1	0
	2400024308	Boring/Individual	B-3	No	Record	6/24/88	1712 RT 31	Hunterdon	Clinton Twp	70	3	Prop Loc - Dig Image	378673	660642	1,567.3	1	0
	2400024307	Boring/Individual	B-2	No	Record	6/23/88	1712 RT 31	Hunterdon	Clinton Twp	70	3	Prop Loc - Dig Image	378673	660642	1,567.3	27.5	0
	2400024306	Boring/Individual	B-1	No	Record	6/22/88	1712 RT 31	Hunterdon	Clinton Twp	70	3	Prop Loc - Dig Image	378673	660642	1,567.3	34.4	0
	2400023253	Monitoring		No	Permit	11/13/87		Hunterdon	Clinton Twp	70	3	Prop Loc - Hard Copy	379235	659864		200	10
	2400022906	Domestic		Yes	Permit	9/2/87		Hunterdon	Union Twp	11	7.02	Prop Loc - Hard Copy	377141	657243		200	10
	2400022640	Domestic		Yes	Permit	7/15/87		Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	379235	659864		30	
	2400022639	Test		No	Permit	7/15/87		Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	379235	659864		30	
	2400022622	Test		No	Permit	7/13/87		Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	379247	662596		30	
	2400022621	Test		No	Permit	7/13/87		Hunterdon	Clinton Twp	70	13	Prop Loc - Hard Copy	378162	661285		30	
	2400022465	Monitoring	P-1	No	Record	6/18/87	W MAIN ST	Hunterdon	Clinton Twp	1038	5	Prop Loc - Dig Image	377620	655250	4,251.63	14	0
	2400022268	Piezometer	PZ-4	No	Record	5/6/87	W MAIN ST	Hunterdon	Clinton Twp	1038	5	Prop Loc - Dig Image	377620	655250	4,251.63	12	0
	2400022267	Piezometer	PZ-3	No	Record	5/6/87	W MAIN ST	Hunterdon	Clinton Twp	1038	5	Prop Loc - Dig Image	377620	655250	4,251.63	13.5	0

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	2400022265	Piezometer	PZ-1	No	Record	5/6/87	W MAIN ST	Hunterdon	Clinton Twp	1038	5	Prop Loc - Dig Image	377620	655250	4,251.63	11	0
	2400021897	Domestic		Yes	Permit	3/3/87		Hunterdon	Clinton Twp	71	9.07	Prop Loc - Hard Copy	379777	660570		200	10
	2400021680	Agric/Hort/Aqua Irrigation		Yes	Permit	1/28/87		Hunterdon	Union Twp	11	7.02	Prop Loc - Hard Copy	376681	657852		200	10
	2400021675	Agric/Hort/Aqua Irrigation		Yes	Permit	1/28/87		Hunterdon	Union Twp	11	7.01	Prop Loc - Hard Copy	376681	657852		200	10
	2400021674	Agric/Hort/Aqua Irrigation		Yes	Permit	1/28/87		Hunterdon	Union Twp	11	29	Prop Loc - Hard Copy	376681	657852		200	10
	2400021660	Domestic		Yes	Permit	1/28/87		Hunterdon	Clinton Twp	34	10.06	Prop Loc - Hard Copy	381852	659143		300	10
	2400021428	Domestic		Yes	Permit	11/3/86		Hunterdon	Clinton Twp	63	9	Prop Loc - Hard Copy	380785	661881		250	8
	2400021235	Domestic		Yes	Permit	9/12/86		Hunterdon	Clinton Twp	72	9.07	Prop Loc - Hard Copy	375692	660589		200	10
	2400020500	Monitoring	#2	No	Record	5/14/86	UNION AVE	Hunterdon	Clinton Twp	8	1	Prop Loc - Hard Copy	375679	657857		14	0
	2400020500	Monitoring		No	Permit	5/6/86		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	375679	657857		30	
	2400020499	Monitoring	#3	No	Record	5/15/86	UNION AVE	Hunterdon	Clinton Twp	8	1	Prop Loc - Hard Copy	375679	657857		1	0
	2400020499	Monitoring		No	Permit	5/6/86		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	375679	657857		30	
	2400020498	Monitoring	#4	No	Record	5/9/86	15 HILLSIDE AVE	Hunterdon	Clinton Twp	8.04	10	Prop Loc - Dig Image	376598	656604	3,690.28	23	0
	2400020498	Monitoring		No	Permit	5/6/86		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	375679	657857		30	
	2400020497	Monitoring	#1	No	Record	5/9/86	UNION AVE	Hunterdon	Clinton Twp	8	1	Prop Loc - Hard Copy	375679	657857		36.5	0
	2400020497	Monitoring		No	Permit	5/6/86		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	375679	657857		30	
	2400019686	Domestic		Yes	Permit	11/2/85		Hunterdon	Franklin Twp	1401	4.02	Prop Loc - Hard Copy	376681	657852		200	8
	2400019168	Domestic		Yes	Permit	7/22/85		Hunterdon	Clinton Twp	71	3.02	Prop Loc - Hard Copy	380785	661881		200	8
	2400019168	Domestic		Yes	Record	1/8/86	61 GRAY ROCK RD	Hunterdon	Clinton Twp	71	3.02	Prop Loc - Hard Copy	380785	661881		300	5
	2400018108	Domestic		Yes	Permit	10/5/84		Hunterdon	Lebanon Twp	35	7402	Prop Loc - Hard Copy	379783	661885		250	10
REDACTED	2400017988	Public Community		Yes	Permit	9/15/84	REDACTED	Hunterdon	Clinton Twp	70	REDACTED	Prop Loc - Hard Copy	0	0	REDACTED	200	500
	2400017883	Monitoring		No	Record	8/25/84	11 W MAIN ST	Hunterdon	Clinton Town	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	8	0
	2400017882	Monitoring		No	Record	8/25/84	11 W MAIN ST	Hunterdon	Clinton Town	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	8	0
	2400017881	Monitoring		No	Record	8/29/84	11 W MAIN ST	Hunterdon	Clinton Town	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	8	0
	2400017880	Monitoring		No	Record	8/28/84	11 W MAIN ST	Hunterdon	Clinton Town	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	8	0
	2400017879	Monitoring		No	Record	8/29/84	11 W MAIN ST	Hunterdon	Clinton Town	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	8	0
	2400017878	Monitoring	MW-1	No	Record	8/29/84	11 W MAIN ST	Hunterdon	Clinton Town	24	10	Prop Loc - Dig Image	377620	655250	4,251.63	8	0
	2400017767	Domestic		Yes	Permit	7/20/84		Hunterdon	Clinton Twp	71	3.01	Prop Loc - Hard Copy	380779	660565		100	8
	2400017767	Domestic		Yes	Record	3/26/85	57 GRAY ROCK RD	Hunterdon	Clinton Twp	71	3.01	Prop Loc - Dig Image	380735	661982	3,174.7	175	8
	2400017419	Domestic		Yes	Permit	4/6/84		Hunterdon	Clinton Twp	63	9.04	Prop Loc - Hard Copy	378775	660574		200	10
REDACTED	2400016652	Public Community		Yes	Record	7/22/83	REDACTED	Hunterdon	Clinton Twp	28	REDACTED	Prop Loc - Dig Image	0	0	REDACTED	440	15

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	2400016492	Domestic		Yes	Permit	4/30/83		Hunterdon	High Bridge Boro	2	4B	Prop Loc - Hard Copy	379765	657837		200	8
	2400016199	Monitoring		No	Permit	12/27/82		Hunterdon	Clinton Twp	30	30	Prop Loc - Hard Copy	378143	657238		70	5
	2400016198	Monitoring		No	Permit	12/27/82		Hunterdon	Clinton Twp	30	30	Prop Loc - Hard Copy	378143	657238		70	5
	2400015837	Domestic		Yes	Permit	7/6/82		Hunterdon	Clinton Twp	63	8	Prop Loc - Hard Copy	380243	661276		200	10
	2400015837	Domestic		Yes	Record	10/7/83	64 GRAY ROCK RD	Hunterdon	Clinton Twp	63	8.01	Prop Loc - Dig Image	380735	661982	3,174.7	80	8
	2400015780	Monitoring	#7	No	Record	5/11/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	376592	655255	4,735.57	10.3	0
	2400015779	Monitoring	#6	No	Record	5/11/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	376592	655255	4,735.57	11.1	0
	2400015778	Monitoring	#5	No	Record	5/11/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	376592	655255	4,735.57	11.7	0
	2400015739	Monitoring	#4	No	Record	5/10/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	376592	655255	4,735.57	12	0
	2400015738	Monitoring	#3	No	Record	5/10/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	376592	655255	4,735.57	11	0
	2400015737	Monitoring	#2	No	Record	5/10/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	375564	655260	5,374.75	11	0
	2400015736	Monitoring	#1	No	Record	5/10/82	82 W MAIN ST	Hunterdon	Clinton Twp	6	1A	Prop Loc - Dig Image	375564	655260	5,374.75	11	0
	2400015707	Domestic		Yes	Permit	4/23/82		Hunterdon	Clinton Twp	63	5-20	Prop Loc - Hard Copy	382324	661266		100	5
	2400015453	Domestic		Yes	Record	11/9/81	FIELDSTONE DR	Hunterdon	Clinton Twp	12	10-11	Prop Loc - Dig Image	378648	655245	3,979.97	400	0
	2400015340	Domestic		Yes	Permit	8/6/81		Warren	Independence Twp	101	12.01	Prop Loc - Hard Copy	377160	661290		150	5
REDACTED	2400014965	Public Community		Yes	Decommissioning	12/11/80	REDACTED	Hunterdon	Clinton Twp	21	REDACTED	Prop Loc - Hard Copy	0	0	REDACTED		
REDACTED	2400014965	Public Community		Yes	Permit	12/4/80	REDACTED	Hunterdon	Clinton Twp	21	REDACTED	Prop Loc - Hard Copy	0	0	REDACTED	200	700
	2400014375	Non-Public	#908	Yes	Record	5/1/80	1734 RT 31	Hunterdon	Clinton Twp	70	12	Prop Loc - Hard Copy	377166	662606		500	4
	2400014375	Non-Public		Yes	Permit	10/26/79		Hunterdon	Clinton Twp	70	12	Prop Loc - Hard Copy	377166	662606			10
	2400014274	Domestic		Yes	Permit	9/13/79		Hunterdon	Readington Twp	20	11	Prop Loc - Hard Copy	382300	655903		200	10
REDACTED	2400014103	Public Community	#2	Yes	Record	7/31/79	REDACTED	Hunterdon	Clinton Twp	79.02	REDACTED	Prop Loc - Dig Image	0	0	REDACTED	270	0
REDACTED	2400014103	Public Community		Yes	Permit	7/25/79	REDACTED	Hunterdon	Clinton Twp	79	REDACTED	Prop Loc - Hard Copy	0	0	REDACTED	150	
	2400014055	Test		No	Record	7/6/79	COUNTRY CLUB DR	Hunterdon	Clinton Twp	79	21.1	Prop Loc - Dig Image	382772	657925	3,748.5	250	0
	2400013134	Domestic		Yes	Permit	6/27/78		Hunterdon	Clinton Twp	71	9-E	Prop Loc - Hard Copy	376151	659878		160	9
	2400012852	Domestic		Yes	Permit	4/13/78		Hunterdon	Bethlehem Twp	48	51-01	Prop Loc - Hard Copy	377166	662606		150	10
	2400012851	Domestic		Yes	Permit	4/13/78		Hunterdon	Bethlehem Twp	48	51-3	Prop Loc - Hard Copy	377166	662606		150	10
	2400012850	Domestic		Yes	Permit	4/13/78		Hunterdon	Bethlehem Twp	48	51-02	Prop Loc - Hard Copy	380243	661276		150	10
	2400011938	Domestic		Yes	Permit	4/21/77		Hunterdon	Readington Twp	94	4-3	Prop Loc - Hard Copy	381221	655908		200	10
	2400011502	Domestic		Yes	Permit	9/7/76		Hunterdon	Clinton Twp	77A	1	Prop Loc - Hard Copy	381227	657224		125	8
	2400011502	Domestic		Yes	Record	9/1/76	1531 RT 31	Hunterdon	Clinton Twp	77.01	1	Prop Loc - Hard Copy	381227	657224		125	10
	2400011471	Domestic		Yes	Permit	8/23/76		Hunterdon	Clinton Twp	60	56Q	Prop Loc - Hard Copy	380237	659859		200	10

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	2400011471	Domestic		Yes	Record	8/24/76	34 GRAY ROCK RD	Hunterdon	Clinton Twp	60	56Q	Prop Loc - Dig Image	381750	659279	2,511.97	120	10
	2400011456	Non-Public		Yes	Permit	8/17/76		Hunterdon	Clinton Twp	70	2	Prop Loc - Hard Copy	379241	661280		150	6
	2400011241	Domestic		Yes	Permit	6/2/76		Hunterdon	Clinton Twp	29	H1	Prop Loc - Hard Copy	381221	655908		150	8
	2400010100	Public Non-Community		Yes	Permit	5/6/74		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	378162	661285		150	10
	2400009614	Public Non-Community		Yes	Permit	9/10/73		Hunterdon	Clinton Town			Prop Loc - Hard Copy	378143	657238		200	30
	2400009444	Domestic		Yes	Permit	7/10/73	GRAY ROCK RD	Hunterdon	Clinton Twp			Prop Loc - Hard Copy	380249	662591		200	10
	2400009444	Domestic		Yes	Record	8/26/74	62 GRAYROCK RD	Hunterdon	Clinton Twp	63	6	Prop Loc - Hard Copy	380249	662591		439	0
	2400008725	Public Non-Community		Yes	Permit	8/29/72		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	378162	661285		400	65
	2400008370	Domestic		Yes	Permit	3/22/72		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	382306	657219		150	8
	2400007759	Domestic		Yes	Permit	12/30/70		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	382300	655903		300	10
	2400007601	Domestic		Yes	Permit	7/20/70		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	382324	661266		200	15
	2400007435	Domestic		Yes	Permit	11/26/69		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	379222	657233		100	8
REDACTED	2400007173	Public Community		Yes	Permit	12/12/68	REDACTED	Hunterdon	Clinton Twp		REDACTED	Prop Loc - Hard Copy	0	0	REDACTED	450	65
	2400006463	Domestic	#3362	Yes	Record	9/18/66	RT 173	Hunterdon	Clinton Town	21	25	Prop Loc - Dig Image	380716	657934	1,932.18	580	2
	2400005800	Domestic		Yes	Permit	5/5/65		Hunterdon	Union Twp			Prop Loc - Hard Copy	378155	659869		125	10
	2400005799	Domestic		Yes	Permit	5/5/65		Hunterdon	Union Twp			Prop Loc - Hard Copy	379241	661280		125	10
	2400005656	Industrial		Yes	Record	3/15/65	COUNTRY CLUBDRIVE	Hunterdon	Clinton Twp			Prop Loc - Dig Image	382760	655227	5,293.96	600	0
	2400005523	Domestic		Yes	Permit	10/23/64		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	382318	659850		0	65
	2400005415	Domestic		Yes	Permit	8/18/64		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	382318	659850		0	65
	2400005340	Domestic		Yes	Permit	7/13/64		Hunterdon	Clinton Town			Prop Loc - Hard Copy	376139	657247		400	10
	2400004840	Test		No	Permit	5/10/63		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	381233	658539		250	300
	2400004840	Test		No	Record	6/10/63	W MAIN ST	Hunterdon	Clinton Twp			Prop Loc - Dig Image	377626	656599	3,044.52	120	0
	2400004312	Domestic		Yes	Record	12/7/61	WEST MAIN STREET	Warren	Harmony Twp			Prop Loc - Dig Image	376598	656604	3,690.28	129	5
	2400003617	Domestic		Yes	Permit	1/27/60		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	377166	662606		150	40
	2400003617	Domestic		Yes	Record	2/12/60	1724 RT 31	Hunterdon	Clinton Twp	70	5	Prop Loc - Dig Image	378679	661991	2,865.74	165	0
	2400002693	Industrial	#1	Yes	Record	10/11/57	E MAIN ST	Hunterdon	Clinton Town			Prop Loc - Hard Copy	378143	657238		130	0
	2400002693	Industrial		Yes	Permit	10/3/57		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	378143	657238		110	15
	2400002674	Domestic		Yes	Permit	9/17/57		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	379229	658548		110	12
	2400002586	Domestic		Yes	Permit	7/11/57		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	381221	655908		100	10
	2400002543	Domestic		Yes	Record	6/19/57	GRAYROCK RD	Hunterdon	Clinton Twp			Prop Loc - Dig Image	381744	657930	2,799.26	55	0
	2400002480	Domestic	#2	Yes	Record	4/17/57	RT 31	Hunterdon	Clinton Twp			Prop Loc - Dig Image	382772	657925	3,748.5	115	0

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	2400002083	Domestic		Yes	Permit	1/3/56		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	381233	658539		165	10
	2400002060	Domestic	#1	Yes	Record	12/19/55	RT 31	Hunterdon	Clinton Twp			Prop Loc - Dig Image	382772	657925	3,748.5	195	0
	2400002044	Domestic	#5	Yes	Record	1/28/56	W MAIN ST	Hunterdon	Clinton Town			Prop Loc - Dig Image	376598	656604	3,690.28	352	0
	2400001916	Domestic	#1	Yes	Record	7/23/55	OLD RT 22	Hunterdon	Clinton Twp			Prop Loc - Dig Image	378654	656595	2,651.99	110	0
	2400001908	Domestic	#1	Yes	Record	10/1/55	UNKNOWN	Hunterdon	Lebanon Twp			Prop Loc - Hard Copy	376599	656638		64	0
	2400001908	Domestic		Yes	Permit	7/12/55		Hunterdon	Lebanon Twp			Prop Loc - Hard Copy	376599	656638		100	10
	2400001746	Domestic	#1	Yes	Record	4/2/55	9 UNION RD	Hunterdon	Clinton Twp			Prop Loc - Dig Image	375571	656609	4,481.09	117	0
	2400001068	Domestic		Yes	Permit	4/7/53		Hunterdon	High Bridge Boro			Prop Loc - Hard Copy	382306	657219		150	8
	2400001068	Domestic		Yes	Record	5/25/53	FIRESTONE DRIVE	Hunterdon	High Bridge Boro			Prop Loc - Hard Copy	382306	657219		243	0
	2400000630	Domestic		Yes	Permit	10/1/51		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	379216	655917		150	5
	2400000630	Domestic		Yes	Record	12/28/51	LEIGH ST	Hunterdon	Clinton Twp			Prop Loc - Hard Copy	379216	655917		160	0
	2400000538	Domestic		Yes	Permit	7/17/51		Hunterdon	Clinton Town			Prop Loc - Hard Copy	381239	659855		200	6
	2400000397	Domestic		Yes	Permit	5/17/50		Hunterdon	Clinton Twp			Prop Loc - Hard Copy	377135	655927		300	75
	2400000397	Public Non-Community		Yes	Decommissioning	4/11/12	1445 RT 31	Hunterdon	Clinton Twp	79	1	Prop Loc - Hard Copy	377135	655927		215	0
	2400000311	Domestic	1	Yes	Record	8/30/49	UNKNOWN	Hunterdon	Union Twp			Prop Loc - Dig Image	376605	657953	2,907.14	89	0

## APPENDIX A: JUNE 16, 2009 SOIL LOGS





# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-1
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;  Clay Loam; 7.5 YR 6/4; 5% Gravel; SAB; Moist; Friable	No mottling or evidence of groundwater; Fill dirt	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Clay; 7.5 YR 4/3; 10% Gravel; Platy; Moist; Friable	No mottling or evidence of groundwater; Fill dirt	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0					Sandy Loam; 7.5 YR 4/6; 30% Gravel, 20% Cobbles, 10% Stone SAB; Dry; Loose	No mottling or evidence of groundwater; Fill dirt	6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0					Silty Clay; 7.5 YR 6/2; 40% Gravel, 30% Cobbles, 20% Stone SAB; Moist; Friable	No mottling or evidence of groundwater; Fill dirt	10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-2
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					10" Topsoil;  Clay Loam; 7.5 YR 4/4; 20% Gravel; Platy; Moist; Friable	No mottling or evidence of groundwater; Fill dirt	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0					Sandy Loam; 7.5 YR 6/4; 30% Gravel, 25% Cobbles, 25% Stone  SAB; Dry; Loose	No mottling or evidence of groundwater; Fill dirt	2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Clay; 7.5 YR 5/3; 60% Gravel, 20% Cobbles, 10% Stone  Platy; Moist; Friable	No mottling or evidence of groundwater; Fill dirt	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0					Sandy Loam; 7.5 YR 6/2; 85% Gravel, 10% Cobbles  SAB; Dry; Loose	No mottling or evidence of groundwater; Fill dirt	8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-3
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;		0.0
0.5					Clay Loam; 7.5 YR 5/4; 20% Gravel; 30% Cobbles. 30% Stone	No mottling or evidence of groundwater	0.5
1.0					SAB; Moist; Friable		1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Loam; 7.5 YR 5/4; 15% Gravel, 30% Cobbles, 30% Stone		4.0
4.5					SAB; Moist; Friable	No mottling or evidence of groundwater	4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0					Refusal at 8 feet		8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-4
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;		0.0
0.5					Clay; 10 YR 6/8; 5% Gravel; Platy; Moist; Friable		0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-5
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					14" Topsoil;		0.0
0.5					Clay; 10 YR 5/6; 15% Gravel; 20% Cobbles, 35% Stone		0.5
1.0					Platy; Moist; Friable	No mottling or evidence of groundwater	1.0
1.5							1.5
2.0							2.0
2.5					<b>Refusal at 30 inches</b>		2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-6
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;		0.0
0.5					Clay; 5 YR 5/6; 15% Gravel; 20% Cobbles, 30% Stone		0.5
1.0					Platy; Moist; Friable	No mottling or evidence of groundwater	1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Clay; 7.5 YR 8/2; 25% Gravel; 35% Cobbles, 30% Stone		4.0
4.5					Platy; Moist; Friable	No mottling or evidence of groundwater	4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0					Refusal at 88 inches		7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-7
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;		0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0					Clay Loam; 10 YR 4/4; 30% Gravel; 20% Cobbles, 10% Stone SAB; Loose; Dry	No mottling or evidence of groundwater; Fill dirt.	5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-8
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;		0.0
0.5					Clay; 7.5 YR 6/8; 5% Gravel; SAB; Loose; Dry	No mottling or evidence of groundwater	0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0					Clay; 7.5 YR 5/6; 25% Gravel; 30% Cobbles, 25% Stone; SAB; Moist; Friable	No mottling or evidence of groundwater	3.0
3.5							3.5
4.0					<b>Refusal at 50 inches</b>		4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-9
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;		0.0
0.5					Clay Loam; 7.5 YR 4/4; 5% Gravel; SAB; Moist; Friable	No mottling or evidence of groundwater; Fill dirt.	0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0					Clay; 7.5 YR 4/4; 10% Gravel; 15% Cobbles;		3.0
3.5					SAB; Moist; Friable	No mottling or evidence of groundwater; Fill dirt.	3.5
4.0							4.0
4.5							4.5
5.0					Loam; 7.5 YR 5/1; 30% Gravel; 30% Cobbles; 15% Stone		5.0
5.5					SAB; Moist; Friable		5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0					Refusal at 8 feet		8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-10
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	6/16/2009	Static Groundwater Level:	
Drilling Contractor:	Boring Brothers	Ground Surface Elevation:	Not Surveyed
Drilling Method:	Hollow Stem Auger	Sampling Equipment:	--
Drilling Equipment:	Split Spoon (SPT)	Casing Equipment:	--
Drilling Angle:	-90°	Logged by:	

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					2" Topsoil;  Clay Loam; 7.5 YR 4/6; 10% Gravel; 10% Cobbles SAB; Moist; Friable <b>Refusal at 2 feet</b>	No mottling or evidence of groundwater; Fill dirt.	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0

## APPENDIX B: FEBRUARY 17, 2020 SOIL LOGS





# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-1
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					11" Topsoil;  Silty Clay; 10 YR 5/6; 5% Gravel; Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Gneiss Rock & Very Fine Silt; 10 YR 6/2; 10% Gravel, 10% Cobble; 80% Stone; Subgang Blocky; Dry; Friable	No mottling or evidence of groundwater	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0					Refusal @ 70"		6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-2
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Silty Clay; 10 YR 4/6; Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0					Silty Clay; 10 YR 6/6; 10% Gravel, 10% Cobble Subang Blocky; Moist; Friable	No mottling or evidence of groundwater	7.0
7.5							7.5
8.0							8.0
8.5						Many signs of mottling (20%<)	8.5
9.0					Silty Clay; 10 YR 5/3; 10% Gravel, 10% Cobble Subang Blocky; Moist; Friable	Distinct, Coarse (>15mm) Depth to 95"	9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-3
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					15" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Silty Clay; 10 YR 4/6; Subang Blocky; Moist; Friable	No mottling or evidence of groundwater	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5					Silty Clay; 10 YR 6/6; Subang Blocky; Moist; Friable	No mottling.	7.5
8.0						Evidence of seepage @ 127"	8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-4
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					15" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Silty Clay; 10 YR 4/4; 20% Cobble, 10% Stone Subang Blocky; Moist; Friable	No mottling or evidence of groundwater Unconsolidated Fill. Asphalt.	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0					Silty Clay; 10 YR 3/2; 15% Cobble, 15% Stone Subang Blocky; Moist; Friable	No mottling or evidence of groundwater. Unconsolidated Fill. Asphalt.	8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
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19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-5
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5					Silt; 10 YR 4/2; 5% Gravel; 10% Cobble, 5% Stone Subang Blocky; Dry; Loose	No mottling or evidence of groundwater Fill material.	1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Silty Clay; 10 YR 4/6; 5% Gravel, 5% Cobble Subang Blocky; Moist; Friable	No mottling or evidence of groundwater Fill material.	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-6
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					10" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5					Silty Clay; 10 YR 3/3; Subang Blocky; Dry; Loose	No mottling or evidence of groundwater. Fill material	1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0					Silty Clay; 10 YR 4/4; 5% Gravel, 5% Cobble; Subang Blocky; Moist; Friable	No mottling or evidence of groundwater. Fill material	5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5					Silty Clay; 10 YR 6/1; 5% Gravel, 5% Cobble; Subang Blocky; Moist; Firm	Common signs of mottling (5-20%)	8.5
9.0					Refusal @ 110"	Distinct, Medium (<15mm)	9.0
9.5						Evidence of seepage @ 96"	9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-7
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					11" Topsoil;	No mottling or evidence of groundwater	0.0
0.5					Silty Clay; 10 YR 4/6; 5% Gravel Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	0.5
1.0					Silty Clay; 10 YR 4/4; 5% Gravel, 10% Cobble; Subang Blocky; Dry; Firm	No mottling or evidence of groundwater	1.0
1.5					Refusal @ 34"	No mottling or evidence of groundwater	1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-8
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					10" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0					Silty Clay; 10 YR 4/6; 5% Gravel; Subang Blocky; Dry; Friable		1.0
1.5						No mottling or evidence of groundwater	1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0					Silty Clay; 10 YR 3/4; 10% Gravel, 15% Cobble, 15% Stone; Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	6.0
6.5							6.5
7.0							7.0
7.5					Refusal @ 88"		7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-9
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					10" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5					Silty Clay; 10 YR 5/6; 5% Gravel; Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0					Silty Clay; 10 YR 4/6; 5% Gravel, 5% Cobble, 10% Stone Subang Blocky, Moist; Friable	No mottling or evidence of groundwater	8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-10
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					8" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5					Silt Loam; 10 YR 5/4; 10% Gravel, 15% Cobble, 20% Stone Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Silt Clay Loam; 10 YR 4/3; 5% Gravel, 10% Cobble, 80% Stone Subang Blocky; Dry; Firm	No mottling or evidence of groundwater	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-11
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-12
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					12" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0					Loamy Sand; 10 YR 4/3; 20% Gravel, 20% Cobble, 10% Stone	No mottling or evidence of groundwater	3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0						No mottling or evidence of groundwater. @ 5FT: 10 YR 6/6 Clay Layer (Fill Material)	7.0
7.5							7.5
8.0					Loamy Sand; 10 YR 4/3; 20% Gravel, 20% Cobble, 10% Stone		8.0
8.5					Subang Blocky, Dry, Friable		8.5
9.0						@ 9FT: 3-5" Layer	9.0
9.5						Gneiss Rock and Very Fine Silt	9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-13
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					10" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0							2.0
2.5							2.5
3.0					Silty Clay; 10 YR 5/8; Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	3.0
3.5							3.5
4.0						Side of depressed land is very very rocky @ 4FT	4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0					Silty Clay; 10 YR 4/6; 10% Gravel, 30% Cobble, 30% Stone Subang Blocky; Dry; Friable	No mottling or evidence of groundwater.	6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0					Refusal @ 96"		8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
16.5							16.5
17.0							17.0
17.5							17.5
18.0							18.0
18.5							18.5
19.0							19.0
19.5							19.5
20.0							20.0
20.5							20.5
21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-14
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					8" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5					Clay Loam; 10 YR 4/6; Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	1.5
2.0							2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0					Clay Loam; 10 YR 5/4; 20% Gravel, 30% Cobble, 20% Stone Subang Blocky; Dry; Friable	No mottling or evidence of groundwater	4.0
4.5							4.5
5.0					Refusal @ 60"		5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
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21.0							21.0
21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0



# SOIL LOG

Project Name:	Clinton Moebus 34, LLC	Boring #:	SL-15
Client Project #:		E&LP Project #:	8144
Location:	Town of Clinton, Hunterdon County	Total Depth:	
Date Drilled:	2/17/2020	Static Groundwater Level:	
Drilling Contractor:		Ground Surface Elevation:	Not Surveyed
Drilling Method:		Sampling Equipment:	--
Drilling Equipment:		Casing Equipment:	--
Drilling Angle:		Logged by:	MP

Depth Below Surface (Feet)	Blow Count 6"-6"-6"	Recovery (in)	Sample Interval	Sample ID#	Lithologic Description	Comments	Depth Below Surface (Feet)
0.0					9" Topsoil;	No mottling or evidence of groundwater	0.0
0.5							0.5
1.0							1.0
1.5							1.5
2.0					Loamy Sand; 10 YR 4/4; 20% Gravel, 40% Cobble, 20% Stone Subang Blocky; Dry; Loose	No mottling or evidence of groundwater	2.0
2.5							2.5
3.0							3.0
3.5							3.5
4.0							4.0
4.5							4.5
5.0							5.0
5.5							5.5
6.0							6.0
6.5							6.5
7.0							7.0
7.5							7.5
8.0							8.0
8.5							8.5
9.0							9.0
9.5							9.5
10.0							10.0
10.5							10.5
11.0							11.0
11.5							11.5
12.0							12.0
12.5							12.5
13.0							13.0
13.5							13.5
14.0							14.0
14.5							14.5
15.0							15.0
15.5							15.5
16.0							16.0
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21.5							21.5
22.0							22.0
22.5							22.5
23.0							23.0
23.5							23.5
24.0							24.0
24.5							24.5
25.0							25.0

**APPENDIX C:**

**TOWN OF CLINTON TABLE OF DESIGN ELEMENT, RISK, TESTING REQUIREMENTS, PERFORMANCE STANDARDS, PREFERRED DESIGN ELEMENT AND REMEDIAL PLAN ELEMENTS FOR DEVELOPMENT IN KARST TERRAIN.**



## LAND USE

*88 Attachment 6*

### Town of Clinton

#### Carbonate Area District

**Table 1**

**Design Element, Risks, Testing Requirements, Performances Standards,  
Preferred Design Element and Remedial Plan Elements for Development in Karst Terrain  
[Added 8-26-2008 by Ord. No. 08-12]**

<b>Design Element</b>	<b>Risks</b>	<b>Testing Requirements</b>	<b>Performance Standards</b>	<b>Preferred Design Element and Remedial Plan Elements</b>
High-load and broad-load structures (high-rise buildings, parking decks, warehouses, water towers, etc.)	Settlement Structural damage/loss Personal injury/death	Evaluate available data Reconnaissance – prior to design Test pits – to confirm shallow bedrock where suspected Borings – 1 per 5,000 square foot area of building footprint; depth based on column/slab load proposed Geophysics – at foundation elements Conceptual failure model – discretionary Bridging analysis – discretionary Inspection of footings – intermittent during construction	Optimal layout Redundancy of support elements Pre-drill foundation sites, depths determined by proposed loads High-tensile strength slabs, with load transfer capability Use pile tips Drill caisson sites, depths determined by proposed loads Pre-construction grouting	Inspection Evaluation plan Remedial grouting plan Remedial designs
Low-load structures (single-family homes, small offices, stores, etc.)	Settlement Collapse Property damage Personal injury	Evaluate available data Inspection of footings – during installation of trench or footing	Foundation areas show no evidence of creep or settlement Drainage directed away from foundation	Foundation reinforcement Occasional inspection by owner
Bridges	Settlement Collapse Embankment failure	Test pits – to competent bedrock Borings – 5 to 10 feet into competent bedrock	Piles, caissons to competent bedrock Redundancy Footing with bridging of anticipated failure Pre-construction grouting	Alternate route Abutment reinforcement modifications Evacuation plans Escrow to recover repair
Underground tanks	Settlement/failure Undermining/failure Undetected leaks	Test pits – in excavation Borings – in or near excavation, 10 feet into competent bedrock	Soil and rock void-free Voids grouted Aboveground tanks	

CLINTON CODE

<b>Design Element</b>	<b>Risks</b>	<b>Testing Requirements</b>	<b>Performance Standards</b>	<b>Preferred Design Element and Remedial Plan Elements</b>
Roads and parking areas	Settlement Undermining Collapse Contaminated runoff	Analysis of existing data Reconnaissance of route Test pits or borings – installed in depressions, or other likely karst features Geophysics – where warranted, and to link boring/test pit data	Layout to avoid karst features Minimize paved areas Control drainage under pavement Controls on blasting Use of ripping Compaction of roadbase Reinforced roadbed	Alternative route Evacuation route Repair procedures Subsidence monitoring Bridging over sinkholes
Drainage features: Conduits Swales Catch basins Detention basins Ponds Injection pits	Settlement Leaks Collapse Undermining of adjacent areas Injection of pollutants to groundwater	Analysis of existing data Reconnaissance of route – prior to design Test pits, probes at select catch basin sites Inspection schedule – continuous during construction Borings into bedrock – locations and depth based on geology, and practical considerations, ± 2 per acre Permeability lasting – for injection sites	Route consistent with site evaluation results Swales/lined swales Watertight joints Impermeable backfill Layout to avoid karst features Liners/compacted substrate Velocity reducers Ponds at water table elevation On-stream ponds Facilities remote from structures	Inspection schedule Repair proposal/escrow Reserve area Grouting specifications Repair escrow Abandonment plan
Utility conduits	Leaks Conduit failure Pollution/explosion/fire Property damage	Reconnaissance of route – prior to design Inspection schedule – continuous during construction Test pits, borings, probes – at key locations to identify possible areas of undermining	Route consistent with site evaluation results Backfill with native soils Geotextiles Piers, where appropriate Strong, flexible conduit Proper backfill procedures	Evacuation plan Shutoffs in key locations Alternate routes
Subsurface sewage disposal systems	Groundwater contamination Structural failure	Test pits – one per 1,000 square feet, 2 at a minimum	Pressure-closed disposal beds Beds not located next to rock pinnacles, nor in natural depressions	Alternate sites Closed systems (holding tanks)
Wells	Washed-out subsidence during drilling Subsidence due to dewatering Excessive grout needs Turbidity Natural water-quality hardness, metals, radium, radon	Careful oversight Intermittent reconnaissance, monitoring Sampling of parameters of concern	Well screen and gravel pack Minimize well loss Reconnaissance/monitoring of subsidence	Alternate site Grout modifications Pumpage modifications Casing off of mud zones Well screen and gravel pack

**APPENDIX D: SITE PLANS (ATTACHED  
SEPARATELY)**

