7/27/15 cc: Admin Health DPW

Groundwater & Environmental Services, Inc.

NEW JERSEY OFFICE

July 22, 2015

Sent via certified mail/return receipt requested.

RECEIVED
JUL 27 2015
Mount Olive Township Clerk's Office

RE: Public Notice – Classification Exception Area
Shell Service Station #138353
285 Route 206, Flanders, NJ
NJDEP Case # 03-04-23-1047-58 and 05-06-12-1211-50
PI # 004784

To Whom It May Concern:

Groundwater & Environmental Services, Inc. (GES), on behalf of Motiva Enterprises, LLC, has sent you this letter to fulfill the New Jersey Department of Environmental Protection (NJDEP) requirements for public notification relating to a proposed Classification Exception Area/Well Restriction Area (CEA/WRA) at the above-mentioned facility. Enclosed is the CEA/WRA Fact Sheet Form which provides information regarding the facility and the proposed CEA/WRA, as well as maps showing the facility location and the horizontal extent of the proposed CEA/WRA. Please, keep this attachment for your file.

Should you have any questions of concerns regarding this proposed CEA, please contact me at (800) 220-3068, extension 4117 or you can contact Licensed Site Remediation Professional (LSRP) Christopher Pittarese at extension 4144.

Sincerely,

Edyta Gosk

Edyta Gosk,
Case Manager
Groundwater & Environmental Services, Inc.

Enclosure

CC: Jeff Bucaro – Petroleum Marketing Group, LLC
Lisa Lashway - Township Clerk
Frank Wilpert – Township Health Officer
Morris County Planning Board
Morris County Health Department
Morris County Clerk

New Jersey Department of Environmental Protection
Site Remediation Program

CLASSIFICATION EXCEPTION AREA / WELL RESTRICTION AREA (CEA/WRA) FACT SHEET FORM

Date Stamp
(For Department use only)

SECTION A. SITE INFORMATION

Site Name: Shell Flanders; aka Shell Service Station 138353

Program Interest (PI) Number(s): 004784

Case Tracking Number(s) for this submission: 03-04-23-1047-58, 05-06-12-1211-50

This form must be attached to the Cover / Certification Form if not submitted through the RIR Online Service

1. Indicate the reason for submission of this form *(see instructions)*:

   ☒ New CEA ☐ Revise CEA ☐ Reestablish CEA ☐ Existing CEA with no changes
   ☐ CEA for historic fill ☐ CEA lift/removal

   If you are submitting this form for an existing CEA provide the CEA Subject Item ID: _____

2. Indicate the type of ground water Remedial Action (RA):

   ☒ Natural ☐ Active ☐ Final RA not yet selected

3. Is this form being submitted with a Remedial Action Permit (RAP) Form (for Soil or Ground Water)?... ☐ Yes ☐ No

SECTION B. CEA COMPONENT INFORMATION

1. **Contaminant(s):** This CEA/WRA applies only to contaminants above applicable numeric values established by the Ground Water Quality Standards (GWQS), N.J.A.C. 7:9C, listed in the table below. Except for historic fill CEAs based on assumed ground water contamination, list the maximum contaminant value for all ground water data that could be representative of current conditions and is for any well or sampling point used to establish the CEA. The values listed below may or may not be appropriate for use in evaluating plume fate and transport. See form instructions.

Contaminant	Concentration (1)	GWQS (2)	SWQS(3)	GWSL(4)
benzene	128	1	NA	20
toluene	9,850	600	NA	330,000
ethylbenzene	1,930	700	NA	700
xylene	10,100	1000	NA	8,600
VO-TICs	7,760	500/100	NA	NA

Notes:
(1) Maximum concentration in Micrograms Per Liter
(2) New Jersey Ground Water Quality Standards, N.J.A.C. 7:9C
(3) Surface Water Quality Standards, N.J.A.C. 7:9B - Applicable only where contaminants in the CEA may discharge to a surface water body.
(4) Current NJDEP Vapor Intrusion Ground Water Screening Levels available at http://www.nj.gov/dep/srp/guidance/vaporintrusion/

☐ Check if attaching an Addendum to list additional contaminants and associated information.

2. **CEA Boundaries:** Year of tax map used: 1990

   For CEA revisions: ☐ check if CEA Boundary has changed (*See instructions*)
   ☐ check if Block and Lot numbers have changed (*See instructions*)

List the Block(s) and Lot(s) included in the areal extent of the Classification Exception Area:

Block(s)	Lot(s)	Check if off-site	Block(s)	Lot(s)	Check if off-site
6100	1	☐			☐
		☐			☐
		☐			☐
		☐			☐
		☐			☐

☐ Check if attaching an Addendum to list additional Blocks/Lots and associated information.

Narrative description of proposed CEA:

The CEA is located in the central part of the site and contains the area of 4,832 square feet. The CEA is approximately 103 feet long and 47 feet wide. The CEA is not extending beyond the property boundary. The CEA extends from the western property boundary north east towards the tank field.

Name(s) of the affected Geologic Formation(s)/Unit(s): Kittatinny Super Group

Direction of ground water flow: SW (*If multiple water bearing zones exist within the CEA and/or there is no predominant flow direction, see instructions.*)

Ground Water Classification: Class II A (*See instructions and GWQS for classification area information.*)

Vertical Depth of CEA: 40 (ft bgs) **and** 594 (msl).

Horizontal Extent of CEA: 4832 Indicate units: ☐ acres or ☒ square feet

3. **Projected Term of CEA:** (*Based on modeling/calculations in the fate and transport description*)

Proposed Duration in Years: 18.5 Anticipated Expiration Date: 10/31/2033

or ☐ Indeterminate (*Review instructions before selecting* "Indeterminate.")

4. **ATTACH AND/OR SUBMIT THE FOLLOWING:** (*see instructions for additional information*)

Exhibit A: Site Location Maps – USGS Quadrangle Map;

Exhibit B: CEA Map and Cross Section Figure – See N.J.A.C 7:26C- 7.3(c)1 and 2 and instructions regarding what to include on the map and the cross-section figure.

Exhibit C: GIS Deliverables – CEA Boundary Extent Map. The CEA Boundary Extent Map shall be submitted via email to srpgis_cea@dep.nj.gov. See the instructions for detailed GIS deliverable requirements.

For revisions, does the attached map differ from the CEA map on NJ-GeoWeb? ☐ Yes ☐ No ☒ N/A

If "Yes or N/A," identify the format of the CEA Boundary Extent Map: ..... ☐ Shape File ☒ CAD File

SECTION C. CURRENT GROUND WATER USE DOCUMENTATION

1. Indicate the year of the most recent well search completed per N.J.A.C. 7:26E-1.14: 2015
2. If this Fact Sheet form is for a revised CEA or an existing CEA with no changes, have new wells been installed since the CEA was established? ..... ☐ Yes ☐ No ☒ N/A
3. Are there any pumping wells (e.g., potable, industrial, irrigation or recovery wells) within the foot print of the CEA? ..... ☐ Yes ☒ No

SECTION D. WELL RESTRICTION INFORMATION

Certain well restrictions relevant to potable ground water use, such as "Double Case Wells", "Sample Potable Wells", and "Evaluate Production Wells", are consistently set within the boundaries of all CEAs established by the NJDEP in Class I and II-A areas (*see instructions*).

1. Are there any other site-specific well restrictions relevant to potable ground water use that should be set within or near the boundaries of the proposed CEA?..... ☐ Yes ☒ No

   If "Yes", describe below any such site-specific well restrictions proposed for this CEA:

SECTION E. PUBLIC NOTIFICATION REQUIREMENTS

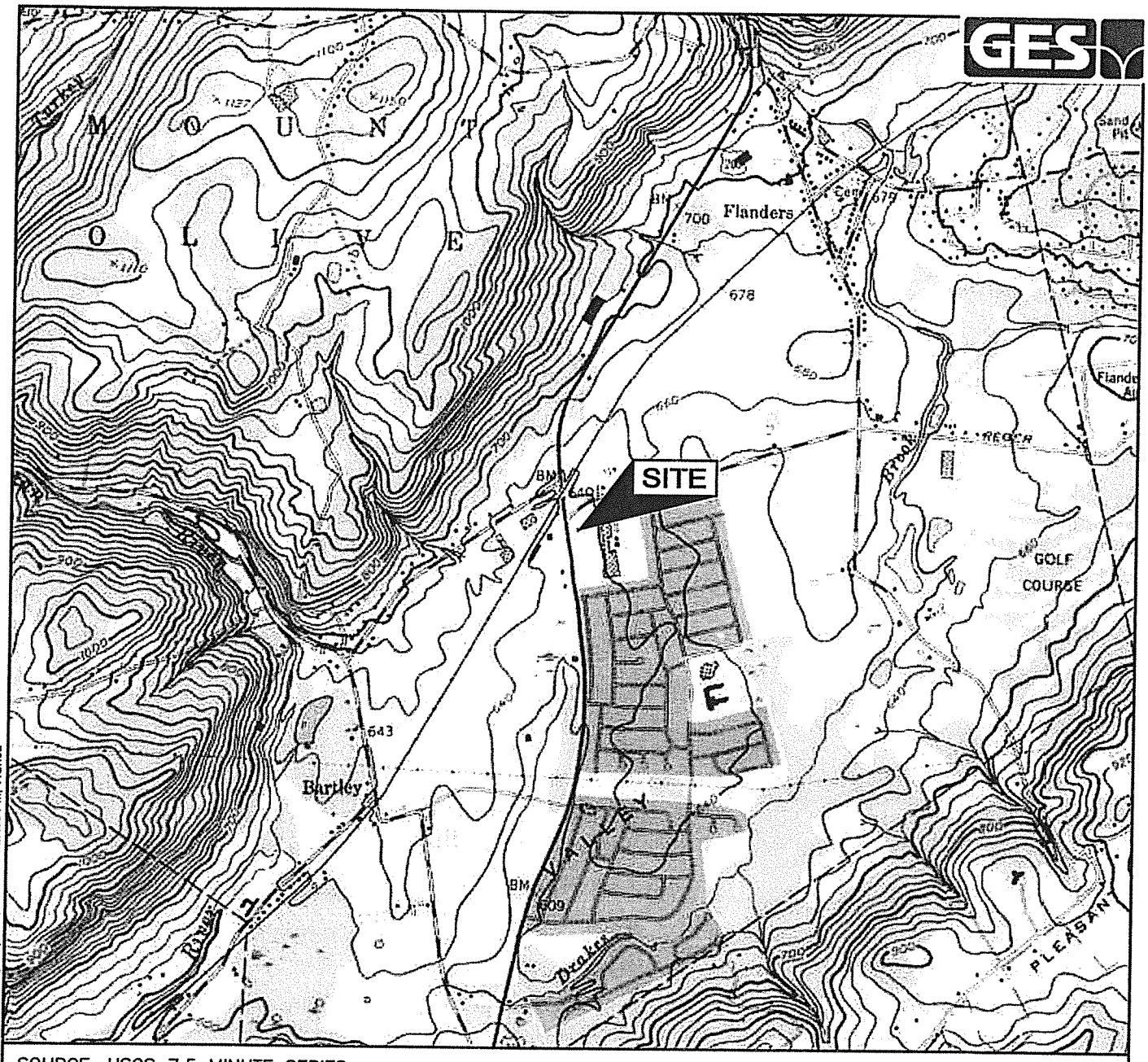
1. Indicate which of the following entities have been notified pursuant to N.J.A.C. 7:26C-7.3(d). (*check all that apply*)

   ☒ Municipal and county clerk(s)
   ☒ Local, county or regional health department(s)
   ☐ Designated County Environmental Health Act agency (if applicable)
   ☒ County Planning Board
   ☐ Pinelands Commission (if applicable)
   ☒ Owners of real property overlying CEA foot print

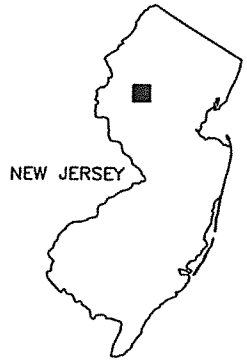
2. **List of Names and Addresses** – List below and/or in an attachment, the names/addresses of all persons notified pursuant to N.J.A.C. 7:26C-7.3(d) based on the proposed CEA boundaries. If the site property owner differs from the person listed in Section F below, enter the site owner's name and address first in below table. See instructions for more information regarding address list and indicating if vapor intrusion was evaluated for properties over the CEA.

   ☐ Check here if no volatile contaminants are in the CEA

Entity or Owner Name	**Notification Address Used** (include applicable block and lot overlying CEA if owner address differs from property address)	**Date notification sent**	**Was property evaluated for vapor intrusion?** Check if "Yes"
RAUSMAN,%PMG NEW JERSEY LLC	2359 RESEARCH CT, WOODBRIDGE, VA 22192		☒
Lisa Lashway Township Clerk	Mount Olive Township 204 Flanders-Drakestown Road Budd Lake, N.J. 07828		☐
Frank Wilpert Sr.- Township Heath Officer,	Mount Olive Township 204 Flanders-Drakestown Road Budd Lake, N.J. 07828		☐
Morris County Planning Board	30 Schuyler Place Morristown, NJ 07960		☐
Morris County Health Department	634 W. Hanover Avenue Morristown, NJ 07960		☐
Morris County Clerk	Administration & Records Building, Court St. Morristown, NJ		☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1980
CHESTER, NEW JERSEY
CONTOUR INTERVAL = 20'

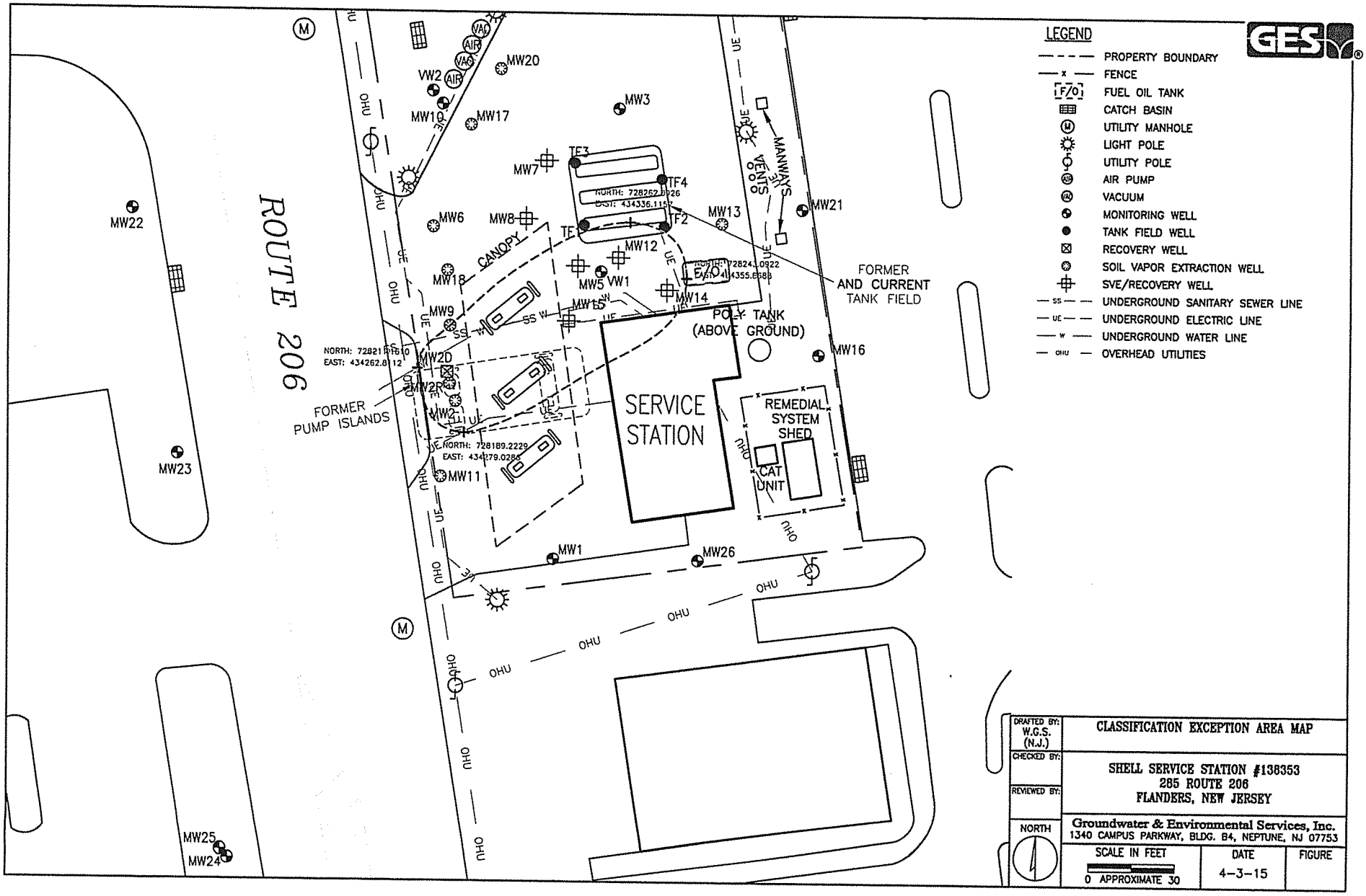


QUADRANGLE LOCATION

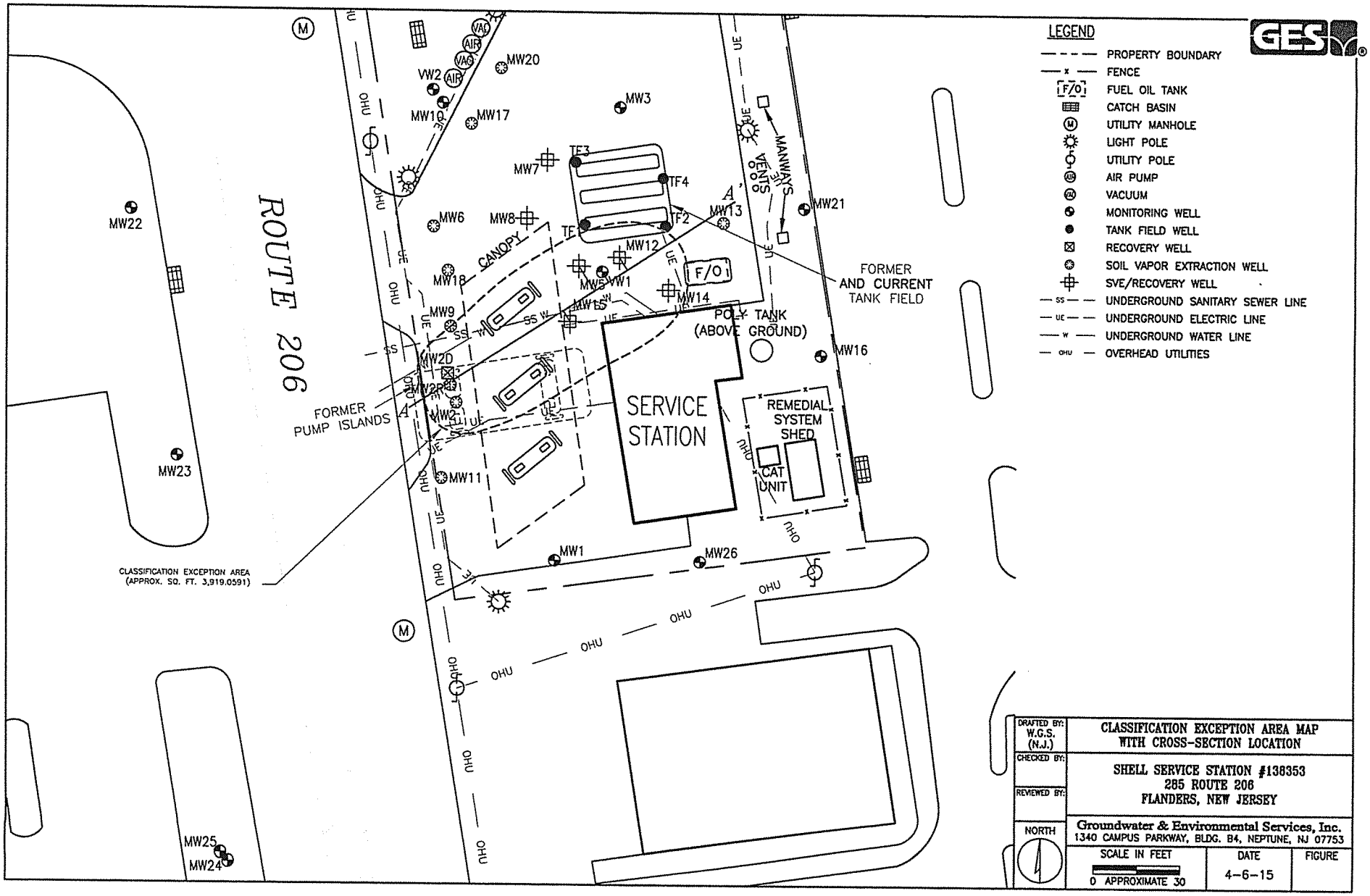
DRAFTED BY: W.G.S. (N.J.)	SITE LOCATION MAP
CHECKED BY:	SHELL SERVICE STATION #138353 285 ROUTE 206 FLANDERS, NEW JERSEY
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 1340 CAMPUS PARKWAY, NEPTUNE, NJ 07753

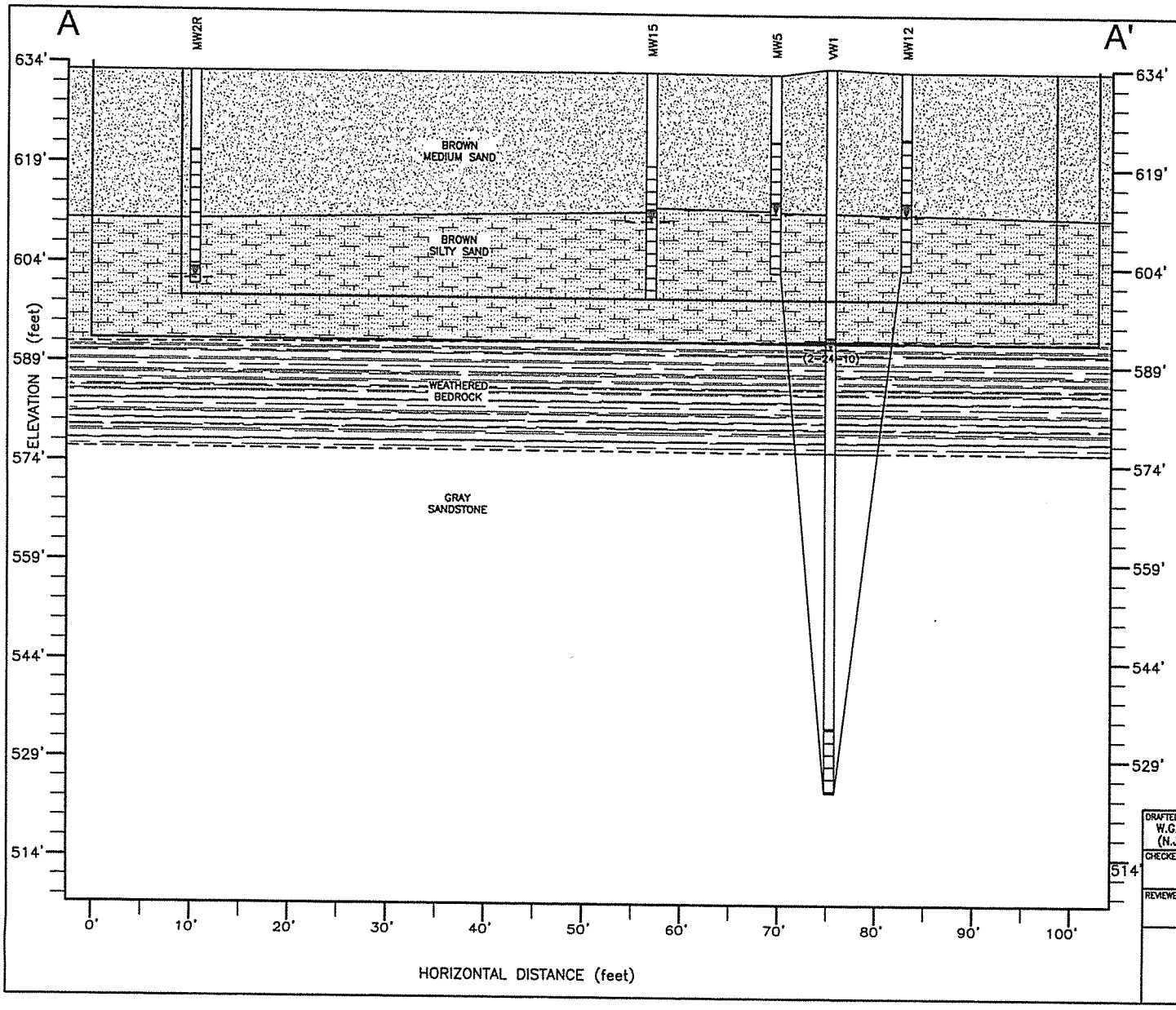
SCALE IN FEET	DATE	FIGURE
0 — 2000	5-2-12	1

M:\Graphics\0300-Wall\Shell\Shell\138353 Flanders\138353 Flanders SLM.dwg, Layout1, 5/2/2012 4:27:53 PM, WShea



M:\Graphics\0300-Wall\Shell\138353 Flanders\138353 Flanders SM.dwg, B-30 (soil), 4/3/2015 1:20:04 PM, WShea


LEGEND
PROPERTY BOUNDARY
FENCE
FUEL OIL TANK
CATCH BASIN
UTILITY MANHOLE
LIGHT POLE
UTILITY POLE
AIR PUMP
VACUUM
MONITORING WELL
TANK FIELD WELL
RECOVERY WELL
SOIL VAPOR EXTRACTION WELL
SVE/RECOVERY WELL
UNDERGROUND SANITARY SEWER LINE
UNDERGROUND ELECTRIC LINE
UNDERGROUND WATER LINE
OVERHEAD UTILITIES
ROUTE 206
SERVICE STATION
REMEDIAL SYSTEM SHED
CAT UNIT
POLY TANK (ABOVE GROUND)
FORMER AND CURRENT TANK FIELD
FORMER PUMP ISLANDS
CANOPY
VENTS
MANWAYS
CLASSIFICATION EXCEPTION AREA (APPROX. SQ. FT. 3,919.0591)
MW1
MW2
MW2D
MW2R
MW3
MW5
MW6
MW7
MW8
MW9
MW10
MW11
MW12
MW13
MW14
MW15
MW16
MW17
MW18
MW20
MW21
MW22
MW23
MW24
MW25
MW26
TF1
TF2
TF3
TF4
F/O
A
A'
DRAFTED BY: W.C.S. (N.J.)
CHECKED BY:
REVIEWED BY:
NORTH
CLASSIFICATION EXCEPTION AREA MAP WITH CROSS-SECTION LOCATION
SHELL SERVICE STATION #138353
285 ROUTE 206
FLANDERS, NEW JERSEY
Groundwater & Environmental Services, Inc.
1340 CAMPUS PARKWAY, BLDG. B4, NEPTUNE, NJ 07753
SCALE IN FEET
0 APPROXIMATE 30
DATE
4-6-15
FIGURE



LEGEND

RISER

SCREENED INTERVAL

BORE HOLE

STATIC WATER LEVEL (SEPTEMBER 18, 2014)

OBSERVED PLUME EXTENT

CALCULATED PLUME EXTENT

DRAFTED BY: W.G.S. (N.J.)	CROSS-SECTION A-A'
CHECKED BY:	SHELL SERVICE STATION #138353 285 ROUTE 206 FLANDERS, NEW JERSEY
REVIEWED BY:	Groundwater & Environmental Services, Inc. 1340 CAMPUS PARKWAY, NEPTUNE, NJ 07753

SCALE IN FEET	DATE	FIGURE
HORIZONTAL 1" = 10' VERTICAL 1" = 15'	4-10-15	

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