



Christine Todd Whitman
Governor

State of New Jersey
Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

Bureau of Underground Storage Tanks
401 East State Street
P.O. Box 433
Trenton, NJ 08625

APR 04 2000

RAHWAY HEALTH

Mr. Hoblitzell
c/o Mr. Jay Jaffe Esq.
Farer, Siegal and Fersko
600 South Avenue
PO Box 580
Westfield, NJ 07091-0580

APR 03 2000

Re: Rahway Auto Supply and Services
12 West Milton Avenue
Rahway, Union County
Case #92-05-01-1444
UST #0007887
Remedial Investigation Workplan Dated: July 8, 1999

Dear Mr. Hoblitzell:

The New Jersey Department of Environmental Protection (Department) has completed a review of the application for a permit-by-rule for the referenced facility. Rahway Auto proposes to conduct an Oxygen Release Compound (ORC®) pilot test by applying this treatment technology to ground water via backfilling the soil borings with a slurry upgradient of the former gasoline UST excavation.

The New Jersey Pollutant Discharge Elimination System (NJPDES) regulations, specifically N.J.A.C. 7:14A-7.5, allow the Department to issue permit-by-rule authorizations for pilot tests and biotreatability studies. Therefore, the Department hereby authorizes the short-term discharge associated with the treatment technology, as described above, to the ground water at the site. This approval is valid only when all of the following conditions are met.

1. The treatment process/discharge will not result in a discharge to surface water or affect surface water supplies. In addition, surface runoff will be controlled.
2. Since ORC® will be permanently placed into the subsurface soils via the proposed injection points the Department will require additional monitoring of magnesium and pH at a frequency and duration to be determined on a case by case basis.
3. Ground water elevations shall be measured in all site monitoring wells, and a corresponding scaled, ground water contour map generated on a quarterly basis.
4. Ground water samples shall be collected from monitoring wells MW1R, MW3 and MW6 prior to application of the ORC® and analyzed for Dissolved Oxygen (DO), dissolved carbon dioxide (CO₂), pH, magnesium, microbial contaminant degraders, and for benzene, toluene, ethylbenzene, xylenes, TBA and MTBE in order to establish existing baseline conditions.
5. Within three (3) months of ORC® application Rahway Auto shall sample the previously specified monitoring wells for DO, CO₂, pH, magnesium and microbial contaminant degraders. Following the post treatment sampling event Rahway Auto shall continue ground water sampling on a quarterly basis for monitoring wells MW1R, MW3 and MW6 analyzing for DO, CO₂, and pH, and for benzene, toluene, ethylbenzene, xylenes, TBA and MTBE.

Once DO and CO₂ concentrations have returned to baseline conditions, Rahway Auto shall evaluate monitoring wells MW1R, MW3 and MW6 for magnesium, pH, and for benzene, toluene, ethylbenzene, xylenes, TBA and MTBE. Rahway Auto shall note any observed "rebounds" of contaminant concentrations once the ORC® oxygen plume has dissipated. Historical contaminant concentrations shall be compared to corresponding ground water elevations in a tabular or graphical format.

8. A Summary Report shall be submitted to the Department within ninety (90) days upon receipt of this correspondence. This summary report shall include the results of the treatability and/or design studies. This report shall include the exact dates when the treatment occurred, along with the data required herein.

To facilitate processing of the summary report, please reference the BUST Case Number, Tank Closure Approval Number, and UST Registration Number.

9. All necessary permits and approvals (i.e., Water Allocation Permits, local approvals, etc.) shall be obtained by the applicant prior to discharging under the permit-by-rule.

Rahway Auto shall initiate the injection, as conditioned above, within ninety (90) days of the date of this approval, and begin implementation according to the proposed time schedule. If any current or anticipated delay is caused by events beyond the control of Rahway Auto, then Rahway Auto shall notify the Department in writing within ten (10) calendar days of such event. Rahway Auto shall precisely describe the cause of the delay and request an extension. Increases in the costs or expenses incurred in fulfilling the requirements outlined herein shall not be considered a basis for an extension and such extension requests will not be granted.

If you should have any questions regarding this matter, please contact Reneé Wright, Case Manager, of the Bureau of Underground Storage Tanks at (609) 984-5287.

Sincerely,


Erick P. Kinsel, C.P.G., Acting Section Supervisor
Bureau of Underground Storage Tanks

c: Reneé Wright, Case Manager, BUST
Health Department
Mayor and Clerk
Hudson Environmental Services



State of New Jersey
Department of Environmental Protection

DONALD T. DiFRANCESCO
Acting Governor

Robert C. Shinn, Jr.
Commissioner

Bureau of Underground Storage Tanks
P.O. Box 433
401 East State Street
Trenton, NJ 08625
Fax: (609) 633-1454

RECEIVED

FEB 15 2001

RAHWAY HEALTH DEPT.

FEB 14 2001

Mr. Hoblitzell
c/o Mr. Jay Jaffe Esq.
Farer, Siegal and Fersko
600 South Avenue
PO Box 580
Westfield, NJ 07091-0580

Re: Rahway Auto Supply and Services (Rahway Auto)
12 West Milton Avenue
Rahway, Union County
Case #92-05-01-1444
UST #0007887
Remedial Investigation Workplan Letter Dated: November 6, 2000

On December 8, 2000 the New Jersey Department of Environmental Protection (Department) received the above referenced document. Based upon a review of the remedial investigation completed to date, the following requirements shall be addressed as listed in Sections I, II and III below. The results of these remedial requirements shall be submitted as part of a Remedial Action Workplan (RAW) within **ninety (90) days** of the date of this letter. The March 1995 "Guide for the Submission of Remedial Action Workplans" provides the detailed information required for a complete RAW submittal.

I. Remedial Investigation

A. Soil

In May 2000, additional soil sampling was conducted to delineate downgradient of the former hydraulic lift area and upgradient of the former gasoline UST excavation. Based on the additional soil sampling conducted, Rahway Auto requested that No Further Action (NFA) be required for the area downgradient of the former hydraulic lift area, former gasoline UST excavation and the former waste oil UST.

Based on the soil sampling conducted at the former waste oil UST no further investigation of the soil is required.

The Department can not approve of a NFA for the former gasoline UST excavation and the former Lift 2 area based on the soil sampling conducted to date. Results indicate that boring B3, in the area of the former gasoline UST, is impacted with 190 ppm ethylbenzene which is above the Impact to Ground Water Soil Cleanup Criteria and 876 ppm xylenes and 1379 ppm Total VOCs which are above the Residential Direct Contact Soil Cleanup Criteria. The Department can not approve of a NFA for former Lift 2 since TPHC remains in the area of concern above the soil cleanup criteria.

Elevated levels of ethylbenzene, xylenes, TPHC and total VOCs remain in the soil at the location of B3 and the Lift 2. Therefore, Rahway Auto shall either:

1. Remediate the contaminated soils to the most restrictive cleanup criteria and conduct post-remedial sampling pursuant to N.J.A.C. 7:26E-6.4. Post-remedial soil sample(s) shall be analyzed for TPHC and volatile organics. The Department's most recent general guidance on soil cleanup criteria dated May 12, 1999 can be found on our website at WWW.STATE.NJ.US/DEP/SRP. These criteria may be referenced when evaluating the post-remedial sampling results; or

2. Fully delineate the horizontal and vertical extent of the soil contamination in accordance with N.J.A.C. 7:26E-4. Please note that it may be necessary to collect soil samples in the saturated zone if the ground water elevation has increased since the previous samples were collected or if any component of the product contained in the UST can be considered a Dense Non-Aqueous Phase Liquid (DNAPL). Please be advised that proposals to leave contamination in place above the Direct Contact Cleanup Criteria [or Total Organic Contaminant Criteria] may require appropriate engineering and/or institutional controls pursuant to N.J.S.A. 58:10B-13 (et seq.).

B. Ground Water

The ground water sampling field logs for the August 10, 2000 event were not included in the report.

On May 10, 2000, Rahway Auto installed ORC® material in borings B3, B4, B5 and B6 as an interim measure to address the ground water contamination related to the former gasoline UST. Rahway Auto shall follow the April 3, 2000 Permit-By-Rule sampling requirements specified to monitor the effectiveness of the ORC® injection.

As noted above, the ORC® injection was an interim remedial action. Rahway Auto shall provide an appropriate remedial action workplan to address the ground water contamination identified on and off-site.

II. Quality Assurance

- A. All data submitted shall conform to N.J.A.C. 7:26E-2, except where specifically indicated.
- B. In accordance with N.J.A.C. 7:26E-3.13(b) 3, a technical overview is required for any report submission. As part of that overview, a discussion regarding the reliability of the laboratory analytical data shall be included. Please refer to Appendix 2 of the March 1995 "Guide for the Submission of Remedial Action Workplans."
- C. In accordance with N.J.A.C. 7:26E-3.13(c)3v, a table summarizing all sampling results shall be provided with the report required herein. The table shall be organized by area of concern and shall include sample location, media, sample depth, field and laboratory identification numbers, analytical results, and comparison to applicable remediation standards. The data in the summary table shall be presented both as hard copy and an electronic deliverable using the database format outlined in detail in the current HAZSITE application or appropriate spreadsheet format specified in the Department's Electronic Data Interchange Handbook in effect as of the date the report is prepared. The Electronic Data Interchange Handbook and a copy of the current HAZSITE application software may be obtained from the Department by calling (609)633-1476.
- D. The Method Detection Limits (MDLs) for the volatile organic analysis for several of the ground water samples were elevated. Please be advised that the MDLs for specific analytes should not exceed either the Department's current guidance on soil cleanup criteria or the Ground Water Quality Standards for all future soil and ground water sampling events.

III. Administrative Requirements

A. Certification Requirements

Effective April 25, 1992, all persons and firms performing tank services on regulated USTs must be certified per N.J.S.A. 58:10A-24.1-8. All work related to any regulated tank service shall be conducted by, or under the immediate on site supervision of an individual certified in the activity being conducted. All documents (tank closure and permit applications, reports, proposals) submitted to the Department shall be prepared and signed by the certified individual responsible for the project.

B. Field Activity Notification

Rahway Auto shall notify the assigned BUST Case Manager at least 14 calendar days prior to implementation of field activities. If Rahway Auto fails to initiate sampling within 30 calendar days of the receipt of this letter, any requests for an extension of the required time frames may be denied.

C. Billing

Effective February 22, 1994, the Department initiated direct billing for the oversight of remedial investigations and remedial actions at regulated UST sites. Documents submitted in accordance with N.J.A.C. 7:26E may help reduce the time necessary for oversight of the above referenced site.

D. Remedial Action Selection

Rahway Auto shall submit a Remedial Action Selection Report in accordance with N.J.A.C. 7:26E-5. This submission may be included as a part of the RAW. Please note that the Remedial Action Selection Report will satisfy the requirement to submit an Effectiveness Analysis and Certification.

E. Notifications

Pursuant to N.J.A.C. 7:26E-1.4, Rahway Auto shall notify the municipal clerk of each municipality in which the site is located forty-five calendar days prior to the submission of the remedial action selection report to the Department. The notification shall be in writing and shall include all information specified in N.J.A.C. 7:26E-1.4(d)1 through 10.

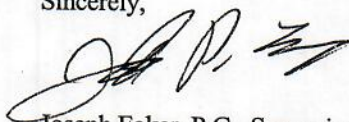
It should be noted that if Rahway Auto completes the above requirements, and the data indicate that the remedial investigation has not been completed (i.e., contamination not completely delineated), Rahway Auto shall submit a Remedial Investigation Workplan (RIW) in accordance with N.J.A.C. 7:26E-4.2 within the specified time frame. The RIW shall include a schedule of implementation of the remaining remedial investigation required and the submittal date of the RAW. Rahway Auto also has the option of completing the remaining remedial investigation in accordance with N.J.A.C. 7:26E-4, followed by the submission of the RIR/RAW. If the latter option is selected, Rahway Auto shall notify the Case Manager listed below, in writing, within two weeks prior to the specified time frame referenced above. This notification shall include a generic discussion of activities conducted to date and activities to be conducted, as well as a detailed schedule of implementation, which includes the submission of the RIR/RAW.

Please note, pursuant to N.J.S.A. 58:10A-21 et seq. and N.J.A.C. 7:14B et seq., the owner and operator of the regulated underground storage tanks are strictly liable for compliance with these requirements. In addition, all state regulated USTs, except for heating oil USTs for on-site consumption, are regulated under 40 CFR Part 280. Non-compliance with these federal and state regulations exposes the tank owner and operator to the penalty and liability specified in 40 CFR Part 280, N.J.S.A. 58:10A-21 et seq. and N.J.A.C. 7:14B et seq.

Failure by Rahway Auto to comply with the requirements of this letter to remediate the discharge(s) may increase Rahway Auto's potential liability to the Department in an amount equal to three times the cost of conducting the necessary remedial actions and may cause a lien to be placed upon the property of Rahway Auto, pursuant to the Spill Compensation and Control Act N.J.S.A. 58:10-23.11 et seq (Spill Act). In addition, the Department reserves the right to pursue penalties for the discharge and for failure to submit the outstanding information, from the original due date, pursuant to the Spill Act.

If you require copies of Departmental Guidance Documents or applications, many of these documents are available on the internet at WWW.STATE.NJ.US/DEP/SRP. If you should have any questions regarding this matter, please contact Reneé Wright, Case Manager, of the Bureau of Underground Storage Tanks at (609) 984-5287.

Sincerely,



Joseph Eaker, P.G., Supervisor
Bureau of Underground Storage Tanks

c: Health Department
Reneé Wright, Case Manager
Hudson Environmental Services

New Jersey Department of Environmental Protection
Bureau of Water Allocation**MONITORING WELL RECORD**Well Permit No. 26-46407
Atlas Sheet Coordinates 28 : 31 : 57OWNER IDENTIFICATION - Owner MEYER, JACK
Address 647 LAWNVIEW PLACE
City WESTFIELD State NY Zip Code WELL LOCATION - If not the same as owner please give address.
County UNION Municipality RANDY CITY Owner's Well No. MW6
Address 12 WEST HILTON AVE Lot No. Block No.
TYPE OF WELL (as per Well Permit Categories) MONITORING Date well started 1/29/97
Regulatory Program Requiring Well UST Date well completed 1/30/97
CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Shakti Consulting Case I.D. # 92-15-1-1444-35
Tele. # **WELL CONSTRUCTION**Total depth drilled 20 ft.Well finished to 20 ft.Borehole diameter:
Top 10 in.Bottom 10 in.Well was finished: ☐ above grade
☒ flush mountedIf finished above grade, casing
height (stick up) above land
surface ft.

Was steel protective casing installed?

☐ Yes ☒ NoStatic water level after drilling 14 ft.Water level was measured using tapeWell was developed for 1 hours at 10 gpmMethod of development pumpWas permanent pumping equipment installed? ☐ Yes ☒ NoPump capacity gpmPump type: Drilling Method AugerDrilling Fluid Type of Rig B-59Name of Driller MATTHEW ROSEHealth and Safety Plan submitted? ☒ Yes ☐ NoLevel of Protection used on site (circle one) None D C B AN.J. Registration No. J1577Name of Drilling Company SAFETY WELL DRILLING CO INC

	Depth to Top (ft.) (From land surface)	Depth to Bottom (ft.)	Diameter (inches)	Type and Material
Inner Casing	0	5	4	Sch 40 PVC
Outer Casing (Not Protective Casing)				
Screen (Note slot size)	5	20	4	Sch 40 PVC .020
Tail Piece				
Gravel Pack	3	20		Mow # 2
Annular Seal/Grout	0	3		Portland
Method of Grouting	Gravity			

GEOLOGIC LOG(Copies of other geologic logs and/or
geophysical logs should be attached.)

See Attached

I certify that I have drilled the above-referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Driller's Signature Matthew Rose Date 2/6/97



WELL LOG

OPEN HOLE:

Bottom Cap

New Jersey Department of Environmental Protection
Bureau of Water Allocation**MONITORING WELL RECORD**Well Permit No. 26-46408
Atlas Sheet Coordinates 26 : 31 : 87OWNER IDENTIFICATION - Owner MOELITZEL, JACK
Address 647 LAWNSIDE PLACE
City WESTFIELD State NY Zip Code

WELL LOCATION - If not the same as owner please give address.

Owner's Well No. MW 5County ORANGE Municipality RAIDEN CITY Lot No. Block No. Address 10 WEST HILTON AVE Date well started 1/29/97TYPE OF WELL (as per Well Permit Categories) MONITORING Date well completed 1/29/97Regulatory Program Requiring Well IST Case I.D. # 92-15-1-1444-35CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Shakti Consulting Tele. # **WELL CONSTRUCTION**Total depth drilled 20 ft.Well finished to 20 ft.Borehole diameter:
Top 10 in.Bottom 10 in.Well was finished: ☐ above grade☒ flush mountedIf finished above grade, casing
height (stick up) above land
surface ft.

Was steel protective casing installed?

☐ Yes ☒ NoStatic water level after drilling 14 ft.Water level was measured using typeWell was developed for 1 hours at 10 gpmMethod of development pumpWas permanent pumping equipment installed? ☐ Yes ☒ NoPump capacity gpmPump type: Drilling Method AugerDrilling Fluid Type of Rig B-57Name of Driller Matthew RaabHealth and Safety Plan submitted? ☒ Yes ☐ NoLevel of Protection used on site (circle one) None D C B AN.J. Registration No. J1577Name of Drilling Company SUNBELT WELL DRILLING CO INC

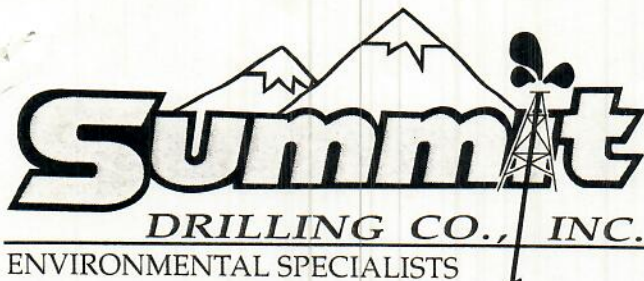
	Depth to Top (ft.) (From land surface)	Depth to Bottom (ft.)	Diameter (inches)	Type and Material
Inner Casing	<u>0</u>	<u>5</u>	<u>4</u>	<u>Sch 40 PVC</u>
Outer Casing (Not Protective Casing)				
Screen (Note slot size)	<u>5</u>	<u>20</u>	<u>4</u>	<u>Sch 40 PVC .020</u>
Tail Piece				
Gravel Pack	<u>3</u>	<u>20</u>		<u>Morie #2</u>
Annular Seal/Grout	<u>0</u>	<u>3</u>		<u>Portland</u>
Method of Grouting	<u>gravity</u>			

GEOLOGIC LOG(Copies of other geologic logs and/or
geophysical logs should be attached.)

See Attached

I certify that I have drilled the above-referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Driller's Signature Matthew Raab Date 2 / 6 / 97



Central Jersey Industrial Park
Chimney Rock Road, Bldg. 9W
Bound Brook, NJ 08805
Telephone: (908) 722-4266
Toll Free: (800) 242-6648
FAX: (908) 356-1009

WELL LOG

WELL: MWS

DATE DRILLED: 01/29/1997

COORD #1: 26.31.267

PERMIT #1: 26-46406

COORD #2:

PERMIT #2:

SITE: Rahway Auto, 12 West Milton Avenue, , Rahway, NJ

COUNTY: Union

OWNER: Moblitzel, Jack, 647 Lawnside Place, , Westfield, NJ 07090

XSTREET:

USE: Monitoring

INNER CASING: PVC

DIAMETER: 4"

LENGTH: 5'

OUTER CASING:

DIAMETER:

LENGTH:

SCREEN TYPE 1: PVC

SCREEN TYPE 2:

DIAMETER: 4"

LENGTH 1: 15'

LENGTH 2:

SLOT SIZE: .020

DRILLING METHOD: Auger

SAMPLING METHOD:

HOLE DIA: 10"

TOTAL DEPTH: 20'

SET WELL: 20'

GAL PER MIN: 10

STAT H2O LVL: 14'

GRAVEL PK SZ: Morie #2

DRILLER: Matthew Raab

SURFACE COMPLETION: M

DEVELOPMENT METHOD: Pump

DEVELOPMENT TIME: 1 Hour

CASING SEAL: Portland

OPEN HOLE:

DEPTH BELOW SURFACE FROM - TO	BLOWS PER 6" ON SAMPLER
-	-

REMARKS / SOILS IDENTIFICATION

0' - 1' Asphalt & stone.
1' - 7' red-brown glacial till.
7' - 20' Red-brown silty f/c sand trace f/m gravel.

Ground Surface

AT-Grade Protective

Watertight Manhole

Locking Compression Cap

2' x 2' Concrete Pad

Gravel Mix Concrete

PVC Casing

4" Diameter

Neat Cement Grout

(ASTM Type II, 5% Bentonite Added)

0' - 3'

0' - 5' Solid

PVC Screen

4" Diameter

5' - 20' Screen

Gravel Pack

3' - 20'

Bore Hole

10" Diameter

Bottom Cap

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 28-46425
Atlas Sheet Coordinates 28 : 1 : 27

OWNER IDENTIFICATION - Owner NOELITZEL, JACK
Address 647 LAWRENCE PLACE
City WESTFIELD State NO Zip Code

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW4
County UNION Municipality BRUNY CITY Lot No. Block No.
Address 12 WEST MILLER AVE Date well started 1/29/97

TYPE OF WELL (as per Well Permit Categories) MONITORING Date well completed / /
Regulatory Program Requiring Well DET Case I.D. # 92-15-1-1444-35
CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Shakti Consulting Tele. #

WELL CONSTRUCTION

Total depth drilled 17 ft.

Well finished to 17 ft.

Borehole diameter:
Top 10 in.

Bottom 10 in.

Well was finished: ☐ above grade
☒ flush mounted

If finished above grade, casing
height (stick up) above land
surface ft.

Was steel protective casing installed?

☐ Yes ☒ No

Static water level after drilling 14 ft.

Water level was measured using tape

Well was developed for 1 hours at 3 gpm

Method of development pump

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity gpm

Pump type:

Drilling Method Auger

Drilling Fluid Type of Rig B-54

Name of Driller Matthew Kosh

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None D C B A

N.J. Registration No. 51377

Name of Drilling Company UNION WELL DRILLING CO INC

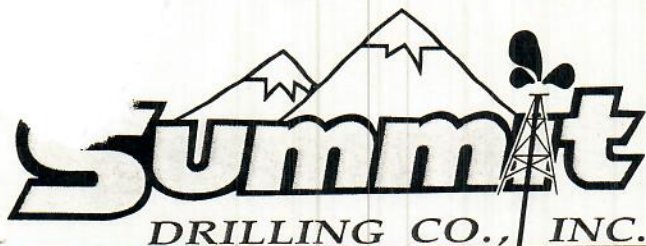
	Depth to Top (ft.) (From land surface)	Depth to Bottom (ft.)	Diameter (inches)	Type and Material
Inner Casing	0	4	4	Sch 40 PVC
Outer Casing (Not Protective Casing)				
Screen (Note slot size)	4	19	4	Sch 40 PVC 20
Tail Piece				
Gravel Pack	2	19		Morse #2
Annular Seal/Grout	0	2		Portland
Method of Grouting	Gravity			

GEOLOGIC LOG (Copies of other geologic logs and/or geophysical logs should be attached.)

See attached

I certify that I have drilled the above-referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Driller's Signature Matthew Kosh Date 2 / 6 / 97



ENVIRONMENTAL SPECIALISTS

WELL LOG

Central Jersey Industrial Park
Chimney Rock Road, Bldg. 9W
Bound Brook, NJ 08805
Telephone: (908) 722-4266
Toll Free: (800) 242-6648
FAX: (908) 356-1009

WELL: MW4 DATE DRILLED: 01/29/1997 COORD #1: 26.31.267 PERMIT #1: 26-46405
COORD #2: PERMIT #2:
SITE: Rahway Auto, 12 West Milton Avenue, , Rahway, NJ
OWNER: Moblitzel, Jack, 647 Lawnside Place, , Westfield, NJ 07090

COUNTY: Union
XSTREET:
USE: Monitoring

INNER CASING: PVC
DIAMETER: 4"
LENGTH: 4'

OUTER CASING:
DIAMETER:
LENGTH:

SCREEN TYPE 1: PVC
SCREEN TYPE 2:

DIAMETER: 4"
LENGTH 1: 15'

DRILLING METHOD: Auger
SAMPLING METHOD:
HOLE DIA: 10"
TOTAL DEPTH: 19'

SET WELL: 19'

GAL PER MIN: 3
STAT H2O LVL: 14'

LENGTH 2:
SLOT SIZE: .020

GRAVEL PK SZ: Morie #2
DRILLER: Matthew Raab

DEVELOPMENT METHOD: Pump
DEVELOPMENT TIME: 1 Hour

CASING SEAL: Portland
OPEN HOLE:

SURFACE COMPLETION: M

DEPTH BELOW SURFACE
FROM - TO

REMARKS / SOILS IDENTIFICATION

0' - 1' Asphalt & stone.
1' - 7' red-brown glacial till.
7' - 19' Red-brown silty f/c sand trace f/m gravel.

Ground Surface

AT-Grade Protective
Watertight Manhole

Locking Compression Cap

2' x 2' Concrete Pad
Gravel Mix Concrete

PVC Casing
4" Diameter

Neat Cement Grout
(ASTM Type II, 5% Bentonite Added)
0' - 2'

PVC Screen
4" Diameter

Gravel Pack
2' - 19'

Bore Hole
10" Diameter

Bottom Cap

0' - 4' Solid

4' - 19' Screen

MONITORING WELL RECORD

Well Permit No. 26-46404
Atlas Sheet Coordinates 28 31 287

OWNER IDENTIFICATION - Owner MELITZER, JACK
Address 647 LAWESIDE PLACE
City ROSELAND State NO Zip Code
WELL LOCATION - If not the same as owner please give address.
County UNION Municipality ROSELAND CITY Owner's Well No. NW3
Address 10 WEST ALBANY AVE Lot No. Block No.
TYPE OF WELL (as per Well Permit Categories) MONITORING Date well started 1/30/97
Regulatory Program Requiring Well UST Date well completed 1/30/97
CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Shakti Consultants Case I.D. # 92-15-1-1444-35 Tele. #

WELL CONSTRUCTION

Total depth drilled 20 ft.

Well finished to 20 ft.

Borehole diameter:
Top 10 in.

Bottom 10 in.

Well was finished: ☐ above grade
☒ flush mounted

If finished above grade, casing
height (stick up) above land
surface ft.

Was steel protective casing installed?

☐ Yes ☒ No

Static water level after drilling 14 ft.

Water level was measured using tape

Well was developed for 1 hours at 3 gpm

Method of development pump

Was permanent pumping equipment installed? ☐ Yes ☒ No

Pump capacity gpm

Pump type:

Drilling Method Auger

Drilling Fluid Type of Rig B-59

Name of Driller Matthew Kook

Health and Safety Plan submitted? ☒ Yes ☐ No

Level of Protection used on site (circle one) None D C B A

N.J. Registration No. J1577

Name of Drilling Company SAFETY WELL DRILLING CO INC

	Depth to Top (ft.) (From land surface)	Depth to Bottom (ft.)	Diameter (inches)	Type and Material
Inner Casing	0	5	4	8" x 40 PVC
Outer Casing (Not Protective Casing)				
Screen (Note slot size)	5	20	4	8" x 40 PVC .020
Tail Piece				
Gravel Pack	3	20		More # 2
Annular Seal/Grout	0	3		Portland
Method of Grouting	gravity			

GEOLOGIC LOG

(Copies of other geologic logs and/or
geophysical logs should be attached.)

See attached

I certify that I have drilled the above-referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Driller's Signature Matthew Kook Date 2/6/97



WELL LOG

COUNTY: Union
XSTREET:
USE: Monitoring

DRILLING METHOD: Auger
SAMPLING METHOD:
HOLE DIA: 10"
TOTAL DEPTH: 20'

CASING SEAL: Portland
OPEN HOLE:

Ground Surface

REMARKS / SOILS IDENTIFICATION

0' - 7' Red-brown glacial till.
7' - 20' Red-brown silty f/c sand trace f/m gravel.

AT-Grade Protective
Watertight Manhole

Locking Compression Cap

2' x 2' Concrete Pad
Gravel Mix Concrete

PVC Casing
4" Diameter

Neat Cement Grout
(ASTM Type II, 5% Bentonite Added)
0' - 3'

0' - 5' Solid

PVC Screen
4" Diameter

5' - 20' Screen

Gravel Pack
3' - 20'

Bore Hole
10" Diameter

Bottom Cap

MONITORING WELL RECORDWell Permit No. 28-46403
Atlas Sheet Coordinates 28 : 01 : 27OWNER IDENTIFICATION - Owner MURPHY, JACK
Address 647 LAMESIDE PLACE
City ROSELAND State NJ Zip Code WELL LOCATION - If not the same as owner please give address.
County UNION Municipality ROSELAND CITY Owner's Well No. MW1
Address 647 LAMESIDE PLACE Lot No. Block No.
TYPE OF WELL (as per Well Permit Categories) MONITORING Date well started 1/30/77
Regulatory Program Requiring Well DEP Date well completed 1/30/77
CONSULTING FIRM/FIELD SUPERVISOR (if applicable) Shark Consulting Case I.D. # 82-15-1-1444-35
Tele. # **WELL CONSTRUCTION**Total depth drilled 20 ft.Well finished to 20 ft.Borehole diameter:
Top 10 in.Bottom 10 in.Well was finished: ☐ above grade
☒ flush mountedIf finished above grade, casing
height (stick up) above land
surface ft.

Was steel protective casing installed?

☐ Yes ☒ NoStatic water level after drilling 14 ft.Water level was measured using tapeWell was developed for 1 hours at 3 gpmMethod of development pumpWas permanent pumping equipment installed? ☐ Yes ☒ NoPump capacity gpmPump type: Drilling Method AugerDrilling Fluid Type of Rig B-57Name of Driller Matthew RookHealth and Safety Plan submitted? ☒ Yes ☐ NoLevel of Protection used on site (circle one) None D C B AN.J. Registration No. 31577Name of Drilling Company SHARK CONSULTING CO INC

	Depth to Top (ft.) (From land surface)	Depth to Bottom (ft.)	Diameter (inches)	Type and Material
Inner Casing	<u>0</u>	<u>5</u>	<u>4</u>	<u>Sch 40 PVC</u>
Outer Casing (Not Protective Casing)				
Screen (Note slot size)	<u>5</u>	<u>20</u>	<u>4</u>	<u>Sch 40 PVC .020</u>
Tail Piece				
Gravel Pack	<u>3</u>	<u>20</u>		<u>Morue #2</u>
Annular Seal/Grout	<u>0</u>	<u>3</u>		<u>Portland</u>
Method of Grouting	<u>Gravity</u>			

GEOLOGIC LOG (Copies of other geologic logs and/or
geophysical logs should be attached.)

See Attached

I certify that I have drilled the above-referenced well in accordance with all well permit requirements and applicable State
rules and regulations.Driller's Signature Matthew Rook Date 2 / 6 / 77

Summit

DRILLING CO., INC.

ENVIRONMENTAL SPECIALISTS

Central Jersey Industrial Park
Chimney Rock Road, Bldg. 9W
Bound Brook, NJ 08805
Telephone: (908) 722-4266
Toll Free: (800) 242-6648
FAX: (908) 356-1009

WELL LOG

WELL: MW1 DATE DRILLED: 01/30/1997 COORD #1: 26.31.267 PERMIT #1: 26-46403
COORD #2: PERMIT #2:
SITE: Rahway Auto, 12 West Milton Avenue, , Rahway, NJ
OWNER: Moblitzel, Jack, 647 Lawnside Place, , Westfield, NJ 07090
COUNTY: Union
XSTREET:
USE: Monitoring

INNER CASING: PVC
DIAMETER: 4"
LENGTH: 5'
OUTER CASING:
DIAMETER:
LENGTH:
SCREEN TYPE 1: PVC
SCREEN TYPE 2:
DIAMETER: 4"
LENGTH 1: 15'
LENGTH 2:
SLOT SIZE: .020
DRILLING METHOD: Auger
SAMPLING METHOD:
HOLE DIA: 10"
TOTAL DEPTH: 20'

SET WELL: 20'
GRAVEL PK SZ: Morie #2
DRILLER: Matthew Raab
SURFACE COMPLETION: M
GAL PER MIN: 3
STAT H2O LVL: 14'
DEVELOPMENT METHOD: Pump
DEVELOPMENT TIME: 1 Hour
CASING SEAL: Portland
OPEN HOLE:

DEPTH BELOW SURFACE
FROM - TO

BLOWS PER 6" ON SAMPLER

REMARKS / SOILS IDENTIFICATION

0' - 7' Red-brown glacial till.
7' - 20' Red-brown silty f/c sand trace f/m gravel.

Ground Surface

AT-Grade Protective Watertight Manhole

Locking Compression Cap

2' x 2' Concrete Pad
Gravel Mix Concrete

PVC Casing
4" Diameter

Neat Cement Grout
(ASTM Type II, 5% Bentonite Added)
0' - 3'

0' - 5' Solid

PVC Screen
4" Diameter

5' - 20' Screen

Gravel Pack
3' - 20'

Bore Hole
10" Diameter

Bottom Cap

SERIAL # 005118

DWR-133M (10/96)

Mail to

NJDEP
Bureau Water Allocation
CN 426
Trenton, NJ 08625-0426

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

MONITORING WELL PERMIT

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No. _____

COORD #: 26 31 294

Owner Hoblitzell Bros., Inc.
Address PO Box 1863
Rahway, NJ 07005
Name of Facility Rahway Auto Supply + Services
Address 12 West Milton Avenue
Rahway, NJ

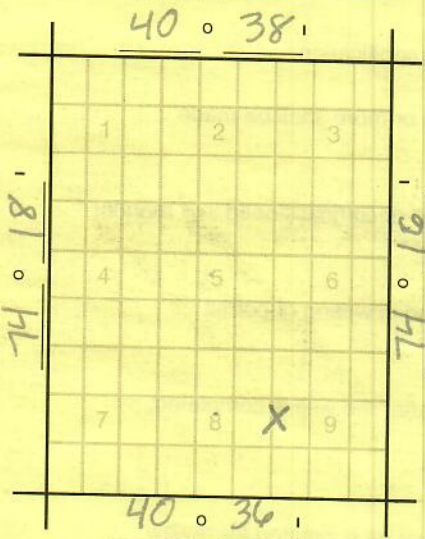
Driller Environmental Probing Investigations
Address 5242 Meadowbrook Place
Pipersville, PA 18947

Diameter of Well(s) <u>2</u> Inches	Proposed Depth of Well(s) <u>20</u> Feet
# of Wells Applied for (max. 10) <u>2</u>	Will pumping equipment be installed? YES ☐ NO ☒
Type of Well (see reverse) <u>Monitoring</u>	If Yes, give pump capacity _____ cumulative GPM

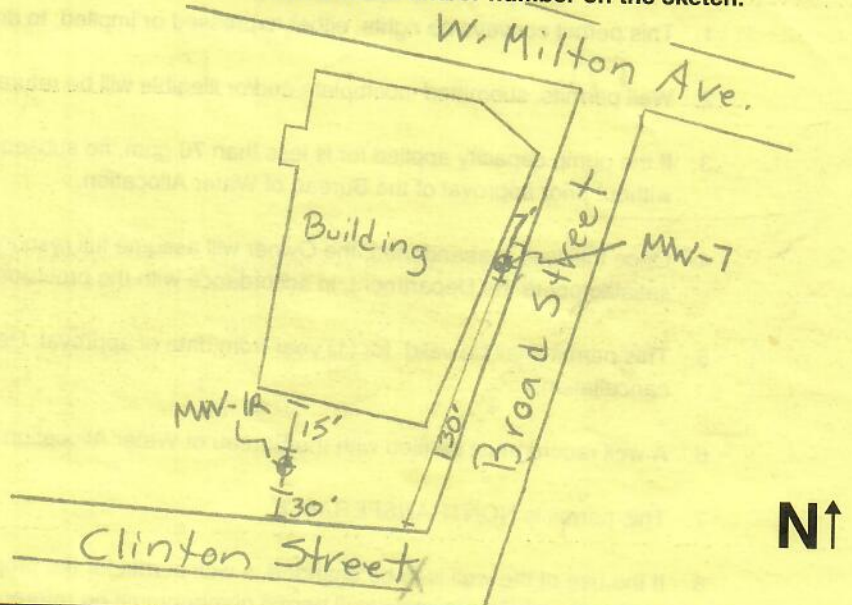
LOCATION OF WELL(S)

Lot #	Block #	Municipality	County
<u>1</u>	<u>88</u>	<u>Rahway</u>	<u>Union</u>

State Atlas Map No. 26



Draw sketch of well(s) nearest roads, buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.



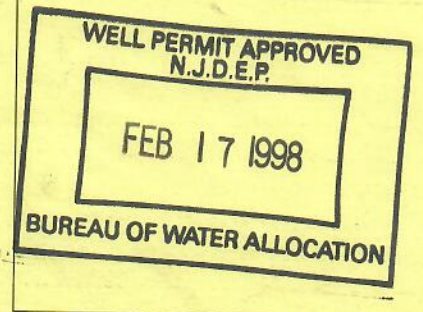
FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- ☐ Spill Site
- ☐ ISRA Site
- ☐ CERCLA (Superfund) Site
- ☐ RCRA Site
- ☒ Underground Storage Tank Site
- ☐ Operational Ground Water Permit Site
- ☐ Pretreatment and Residuals Site
- ☐ Water and Hazardous Waste Enforcement Case
- ☐ Water Supply Aquifer Test Observation Well
- ☐ Other (explain) _____

CASE I.D. Number

92-05-01-1444

This Space for Approval Stamp



FOR D.E.P. USE

- ☐ Issuance of this permit is subject to the conditions attached. (see next page)
- ☒ For monitoring purposes only
- ☐ _____

☒ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date 2/12/98 Signature of Driller Brett J. Compacchi Registration No. J1589
Signature of Owner M. Hoblitzell 908-789-8660

COPIES:

Water Allocation — White

Health Dept. — Yellow



State of New Jersey

Department of Environmental Protection

James E. McGreevey
Governor

Bradley M. Campbell
Commissioner

Bureau of Underground Storage Tanks
P. O. Box 433
401 East State Street
Trenton, NJ 08625
Fax: (609) 777-4285

RECEIVED

SEP 3 2002

RAHWAY HEALTH DEPT

AUG 28 2002

Mr. Hoblitzell
c/o Mr. Jay Jaffe Esq.
Farer, Siegal and Fersko
600 South Avenue
PO Box 580
Westfield, NJ 07091-0580

Re: Rahway Auto Supply and Services (Rahway Auto)
12 West Milton Avenue
Rahway, Union County
Case #92-05-01-1444
UST #0007887
Remedial Investigation Report/Remedial Action Workplan dated: April 2002

Dear Hoblitzell:

The Department of Environmental Protection (Department) has completed its review of the above referenced document. Please be advised that the document can not be approved as a Remedial Action Workplan (RAW).

I. Soils

Rahway Auto states in the report that a petition for variance to the Technical Requirements was submitted for the required soil sampling located at the former hydraulic lift area. As stated in the Department's April 24, 2002 letter, the variance was withdrawn. The Department is not requiring any additional soil sampling at the former hydraulic lifts provided monitoring well MW7 is sampled on a quarterly basis and a decreasing trend in ground water concentrations is observed.

On January 21, 2002, Rahway Auto conducted additional excavation at soil sample B3. The excavation was of the area between 9' and 16' below grade where the contamination was identified. Rahway Auto collected five post-excavation soil samples from the excavation and analyzed for volatile organics. Results indicated non-detectable levels. Based on this information Rahway Auto proposed no further action (NFA) for the soil associated with the former gasoline UST. Based on the post-excavation results, no further investigation is required for this area of concern.

Please note that the soil sampling requirements stated in the Department's April 24, 2002 are still required.

II. Ground Water

Rahway Auto conducted the required quarterly ground water sampling event on February 8, 2002. The report indicated that contaminant concentrations are decreasing. Rahway Auto proposed no further investigation for the site with a Classification Exception Area (CEA). The Department can not approve of the proposal at this time. Rahway Auto also stated in the report that when ground water elevations in MW1R range from about 15' to 15.4' from the top of the well casing, the greatest concentration of BTEX is noticed. Ground water elevation during the past two events have been below the 15'-15.4' ground water elevation. Based on the information provided, additional monitoring of the ground water is required. Rahway Auto shall propose an appropriate ground water monitoring schedule for the existing contamination.

The CEA that Rahway Auto proposed is unacceptable. The CEA is only calculated for ethylbenzene and total xylenes. Benzene was detected in monitoring well MW4 at 6.2 ppb. Also, as noted in the ground water summary table, TBA was

detected in the ground water above the GWQS during the May and August 2001 sampling events when the water table elevation was at 14.28' and 14.66'. Additional ground water sampling may indicate the presence of TBA in the ground water.

III. Quality Assurance

- A. All data submitted shall conform to N.J.A.C. 7:26E-2, except where specifically indicated.
- B. In accordance with N.J.A.C. 7:26E-3.10(b) 3, a technical overview is required for any report submission. As part of that overview, a discussion regarding the reliability of the laboratory analytical data shall be included. Please refer to Appendix 2 of the March 1995 "Guide for the Submission of Remedial Action Workplans" for further details.
- C. In accordance with N.J.A.C. 7:26E-3.13(c)3v, a table summarizing all sampling results shall be provided with the report required herein. The table shall be organized by area of concern and shall include sample location, media, sample depth, field and laboratory identification numbers, analytical results, and comparison to applicable remediation standards. The data in the summary table shall be presented both as hard copy and an electronic deliverable using the database format outlined in detail in the current HAZSITE application or appropriate spreadsheet format specified in the Department's Electronic Data Interchange Handbook in effect as of the date the report is prepared. The Electronic Data Interchange Handbook and a copy of the current HAZSITE application software may be obtained from the Department by calling (609) 633-1476.
- D. The Method Detection Limits (MDLs) for the volatile organic analysis for several of the ground water samples were elevated. Please be advised that the MDLs for specific analytes should not exceed either the Department's Ground Water Quality Standards for all future ground water sampling events.

IV. Administrative Requirements

A. Certification Requirements

Effective April 25, 1992, all persons and firms performing tank services on regulated USTs must be certified per N.J.S.A. 58:10A-24.1-8. All work related to any regulated tank service shall be conducted by, or under the immediate on site supervision of an individual certified in the activity being conducted. All documents (tank closure and permit applications, reports, proposals) submitted to the Department shall be prepared and signed by the certified individual responsible for the project.

B. Field Activity Notification

Rahway Auto shall notify the assigned BUST Case Manager at least 14 calendar days prior to implementation of field activities. If Rahway Auto fails to initiate sampling within 30 calendar days of the receipt of this letter, any requests for an extension of the required time frames may be denied.

V. Reporting Requirements

Based upon the above requirements and the data generated to date, Rahway Auto is required to submit a RAW in accordance with N.J.A.C. 7:26E-6.2 and P.L. 1993, c.139 (S-1070). This document shall be submitted to this Bureau at the above address, within **ninety (90)** days of the date of this letter. The RAW shall detail all activities conducted to achieve compliance with the requirements listed in this letter. Additionally, the RAW shall present a comprehensive remedial proposal for all soil and ground water contamination present. Guidance regarding the minimum requirements and presentation format for this document are provided in the March 1995 "Guide for the Submission of Remedial Action Workplans."

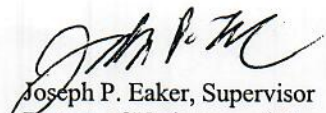
It should be noted that if Rahway Auto completes the above requirements, and the data indicate that the remedial investigation has not been completed (i.e., contamination not completely delineated), Rahway Auto shall submit a RIW in accordance with N.J.A.C. 7:26E-4.8 within the specified time frame. The RIW shall include a schedule of implementation of the remaining remedial investigation required and the submittal date of the RAW. Rahway Auto also has the option of completing the remaining remedial investigation in accordance with N.J.A.C. 7:26E-4, followed by the submission of the RIR/RAW. If the latter option is selected, Rahway Auto shall notify the Case Manager listed below, in writing, within two

weeks prior to the specified time frame referenced above. This notification shall include a generic discussion of activities conducted to date and activities to be conducted, as well as a detailed schedule of implementation that includes the submission of the RIR/RAW.

Please note, pursuant to N.J.S.A. 58:10A-21 et seq. and N.J.A.C. 7:14B et seq., the owner and operator of the regulated underground storage tanks are strictly liable for compliance with these requirements. In addition, all state regulated USTs, except for heating oil USTs for on-site consumption, are regulated under 40 CFR Part 280. Non-compliance with these federal and state regulations exposes the tank owner and operator to the penalty and liability specified in 40 CFR Part 280, N.J.S.A. 58:10A-21 et seq. and N.J.A.C. 7:14B et seq.

If you require copies of Departmental Guidance Documents or applications, many of these documents are available on the Internet at WWW.STATE.NJ.US/DEP/SRP. If you should have any questions regarding this matter, please contact Reneé Wright, Case Manager, of the Bureau of Underground Storage Tanks at (609) 984-5287.

Sincerely,


Joseph P. Eaker, Supervisor
Bureau of Underground Storage Tanks

c: Health Department
Reneé Wright, Case Manager
Hudson Environmental Services, Inc.

**New Jersey Department of Environmental Protection
COMMUNICATION CENTER NOTIFICATION REPORT**

Received: 11/18/2015 08:01:19

Comm. Center #: 15-11-18-0801-19

Operator: 16

Reviewed By: _____

Incident ID: 580458

Reporter Type: Citizen Complaint

Reported By: ROBERT

Affiliation: CIT

Phone: 732-770-6115

Street Address: ,

Municipality: Rahway City

State: NJ

Incident Category: Other

Location Description: LIBERTY HARLEY DAVIDSON

Address: 12 WEST MILTON AVE

Municipality: Rahway City

County: Union

State: NJ

Zip Code: 07065

Location Type: Commercial

Occurred Date: 11/05/2015

Occurred Time: 10:25 AM

Substance Released: OIL OTHER

Amount Released: 0

Units: unknown

Unknown

ID: Known

State: Liquid

CAS#:

Incident Status at Time of Report: Continuous

Substance Contained: No

HAZMAT: Yes

TCPA: No

Haz Waste: No

Additional Substance: SOLID WASTE, OTHER

Amount Released: 0

Units: unknown

Unknown

ID: Known

State: Solid

CAS#:

Substance Contained: Yes

HAZMAT: No

TCPA: No

Haz Waste: No

Incident Type: Sloppy Housekeeping

Incident Type 2:

Injuries: No

Public Evac: No

Facility Evac: No

Public Exposure: No

Police At Scene: No

Firemen At Scene: No

Dep Requested: Yes

Road Closure: No

Wind Speed/Direction:

Contamination Of: Water

Watershed:

Other Watershed: STORMDRAIN

Incident Description: IMPROPER DISPOSAL OF OIL AND OIL FILTERS, COOLANTS, BATTERIES AND ALSO FLOURESCENT LIGHT BULBS. DUMPING OIL INTO STORM DRAINS.

Responsible Party Name: LIBERTY HARLEY DAVIDSON

Responsible Party Phone:

Responsible Party Street Address: 12 WEST MILTON AVE,

Municipality: Rahway City

County: Union

State: NJ

Zip Code: 07065

Officials Notified

Name	Affiliation	Phone	Date	Time	Action
L. FONDE	ER - North		11/18/2015	8:20	Notification - Office
DISP ROGER	RAHWAY CITY	732-388-1400	11/18/2015	8:17	Notification - A310
	F&W - Central		11/18/2015	8:10	Notification - Fax
	NJSP-ROIC		11/18/2015	8:10	Notification - Fax

Comments: RECEIVED VIA DEP COMMCENTER E-MAIL