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APPENDIX G

WELL PERMITS FOR MW-10 AND MW-11

DWR-138 M
11/98

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 27 - 14960

Atlas Sheet Coordinates 27 34 675

OWNER IDENTIFICATION - Owner OCCIDENTAL CHEMICAL CORP.
Address 1804 RIVER RD.
City BURLINGTON State NJ Zip Code 08016

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW10
County BURLINGTON Municipality BURLINGTON TWP Lot No. 12-YB Block No. 154
Address 1804 RIVER RD.

DATE WELL STARTED 12/22/98
DATE WELL COMPLETED 12/22/98

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well ISRA SITE Case I.D.# 98439

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) CRA - Klaus Schmidt RC Tele. # 5198841051

WELL CONSTRUCTION

Total depth drilled 30 ft.
Well finished to 29 ft.

Borehole diameter:
Top 8 in.
Bottom 8 in.

Well was finished: ☑ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface 2 ft.

Was steel protective casing installed? ☑ Yes ☐ No

Static water level after drilling 8 ft.

Water level was measured using tape

Well was developed for 12 hours at 2 gpm

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	+2	9	2	Stainless Steel	301
Middle Casing (for triple cased wells only)	—	—	—	—	—
Outer Casing (largest diameter)	—	—	—	—	—
Open Hole or Screen (No. Used 020)	9	29	2	Stainless Steel	301
Blank Casings (No. Used)	—	—	—	—	—
Tail Piece	—	—	—	—	—
Gravel Pack	7	30	8	Sand	#2 Morie
Grout	~~50~~	~~7~~ 5	8	Neat Cement Bentonite	188 lbs. 50 lbs.

Grouting Method gravity displacement
Drilling Method hollow stem auger

Method of development subpump

Was permanent pumping equipment installed? ☐ Yes ☑ No

Pump capacity NA gpm

Pump type: NA

Drilling Fluid NA Type of Rig C7250

Health and Safety Plan submitted? ☑ Yes ☐ No

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

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

Drilling Company ADT MIDATLANTIC INC.

Well Driller (Print) Tom Brown

Driller's Signature [signature]

Registration No. 1311 Date 1/19/99

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0 10' m/c sand gravel
10' 29' f sand + silt
29 30' clay

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

DWR-138 M
11/98

New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

Well Permit No. 27 14961

Atlas Sheet Coordinates 27 34 675

OWNER IDENTIFICATION - Owner OCCIDENTAL CHEMICAL CORP.
Address 1804 RIVER RD.
City BURLINGTON State NJ Zip Code 08016

WELL LOCATION - If not the same as owner please give address. Owner's Well No. MW11
County BURLINGTON Municipality BURLINGTON TWP Lot No. 12-YB Block No. 154
Address 1804 RIVER RD.

DATE WELL STARTED 12/22/98
DATE WELL COMPLETED 12/22/98

TYPE OF WELL (as per Well Permit Categories) MONITORING
Regulatory Program Requiring Well ISRA SITE Case I.D.# 98439

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) CRA - Kious Schmidt + KC Tele. # 5198840 5

WELL CONSTRUCTION

Total depth drilled 30 ft.
Well finished to 29 ft.

Borehole diameter:
Top 8 in.
Bottom 8 in.

Well was finished: ☑ above grade ☐ flush mounted

If finished above grade, casing height (stick up) above land surface 2 ft.

Was steel protective casing installed? ☑ Yes ☐ No

Static water level after drilling 8 ft.

Water level was measured using tape

Well was developed for 1/2 hours at 2 gpm

Method of development Sub pump

Was permanent pumping equipment installed? ☐ Yes ☑ No

Pump capacity NA gpm

Pump type: NA

Drilling Fluid NA Type of Rig CT250

Health and Safety Plan submitted? ☑ Yes ☐ No

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

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no
Single/Inner Casing	+2	9	2	Stainless Steel	301
Middle Casing (for triple cased wells only)	—	—	—	—	—
Outer Casing (largest diameter)	—	—	—	—	—
Open Hole or Screen (No. Used 020)	9	29	2	Stainless Steel	301
Blank Casings (No. Used)	—	—	—	—	—
Tail Piece	—	—	—	—	—
Gravel Pack	7	30	8	Sand	+2 mesh
Grout	5 / 0	7 / 5	8	Neat Cement / Bentonite	188 lb / 50 lbs.

Grouting Method gravity/displacement
Drilling Method hollow stem auger

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-10' Med sand + gravel
10-29' Fine sand & silt
29-30' Clay

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

Drilling Company ADT-MIDATLANTIC INC.

Well Driller (Print) Tom Brown

Driller's Signature [signature]

Registration No. 1311 Date 1/19/99

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

SERIAL # 010021

DWR-133M (10/96)

Rec'd CRA

Mail to

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

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

FEB 1 0 1999

Permit No. [illegible]

MONITORING WELL PERMIT

06

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

COORD #: 27 .34. 6

Owner [illegible]

Address 1904 River Rd.
Burlington NJ 08016

Driller [illegible]

Address 100 Lexington Dr.
Trenton NJ 08618

Name of Facility [illegible]

Address 1904 River Rd.
Burlington NJ 08016

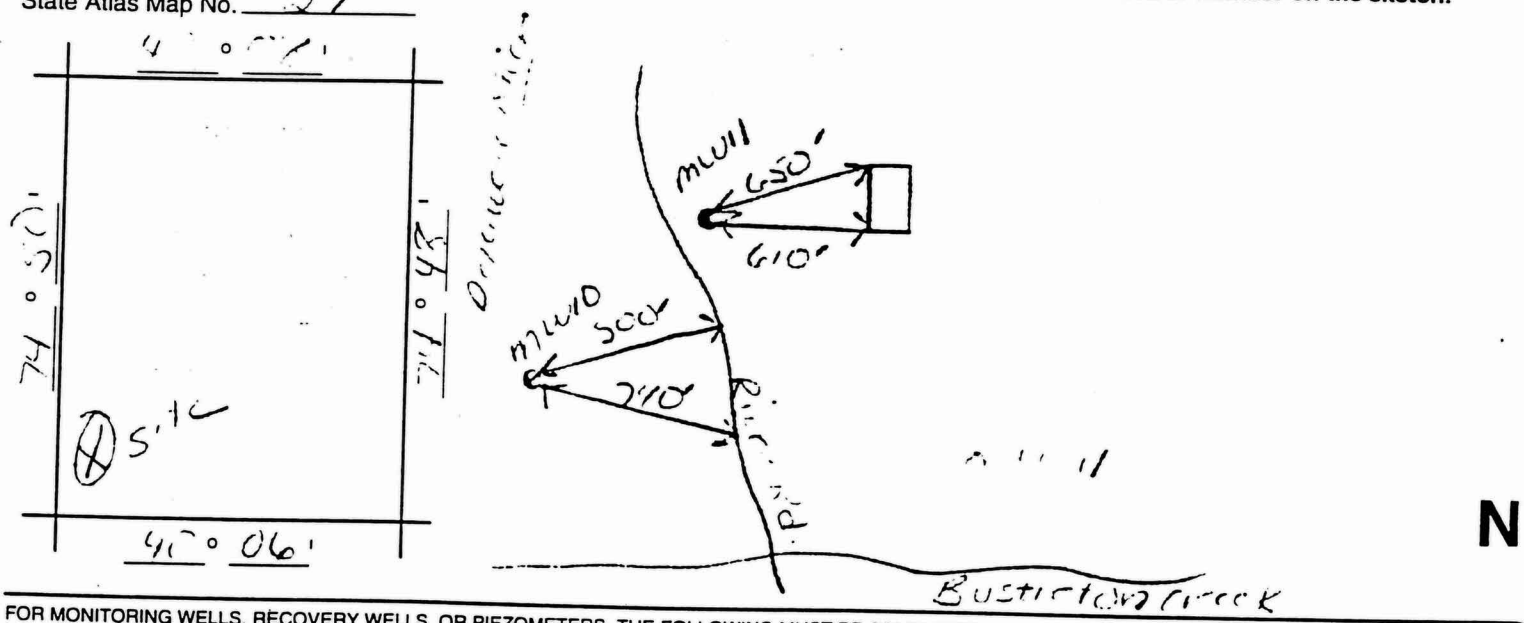
Diameter of Well(s)	2 Inches	Proposed Depth of Well(s)	40
# of Wells Applied for (max. 10)	2	Will pumping equipment be installed?	YES ☐ NO ☑
Type of Well (see reverse)	[illegible]	If Yes, give pump capacity	N/A cumulative

LOCATION OF WELL(S)

Lot #	Block #	Municipality	County
12-46	104	Burlington	Burlington

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

State Atlas Map No. 27



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 97437

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J.D.E.P.
DEC 2 1 1998
BUREAU OF WATER ALLOCATIO

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 12-1997 Signature of Driller [illegible] Registration No. [illegible]

Signature of Owner [illegible]

COPIES: Water Allocation — White Health Dept — Yellow Owner — Blue Driller — White