



State of New Jersey

PHIL MURPHY
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Contaminated Site Remediation & Redevelopment Program
Remediation Review Element
Bureau of Remedial Action Permitting
401 E. State Street
P.O. Box 420
Mail Code 401-055
Trenton, NJ 08625-0420
Phone: (609) 984-2990

SHAWN M. LATOURETTE
Commissioner

SHEILA OLIVER
Lt. Governor

October 27, 2022

Chandra Patel
Director Site EH&S and Nutley Safety and Environmental Officer
Hoffmann-La Roche Inc.
150 Clove Road, 8th Floor, Suite 8
Little Falls, NJ 07424

Eugene Diaz
Manager, Member
PB Nutclif Master, LLC
310 Kingsland Street
Nutley, NJ 07110

William Warnick
Director EHS, East Region
Isabella Street Urban Renewal, LLC
1153 Bloomfield Avenue
Clifton, NJ 07012

RE: Ground Water Remedial Action Permit – Monitored Natural Attenuation
with Technical Impracticability (TI)
Site: Hoffmann-La Roche Inc.
Address*: 340 Kingsland Street
City: Nutley Township
County: Essex
SRP Program Interest #: 009949
Ground Water Remedial Action Permit #: RAP210001
Essex County, Nutley Township: Block: 102 Lot: 2; Block: 200 Lots: 1, 2,
3, 4, 5, 6, and 24; Block: 201 Lots: 1, 1.01, 1.02, and 1.03; Block: 300
Lots: 1, 1.01, 1.02, 1.03, 1.04, 1.05, 1.06, and 1.07; Block: 2000 Lots: 1, 4,
and 5; and Block: 2101 Lot: 1
Passaic County, Clifton City: Block: 79.04 Lots: 10 and 21; and Block:
80.02 Lots: 1.01, 1.02, 1.03, 1.04, 1.05, 4.01, 4.02, 4.03, 4.05, 4.07, 4.08,
4.10, and 4.11

*Note that the property is contiguous across two counties/municipalities, Essex County,
Nutley Township and Passaic County, Clifton City.

Dear Ms. Patel, Mr. Diaz, and Mr. Warnick:

Enclosed is a Ground Water Remedial Action Permit issued pursuant to the Site Remediation Reform Act, 58:10C-1 et seq. and the Administrative Requirements for the Remediation of Contaminated Sites at N.J.A.C. 7:26C-1 et seq. This permit becomes effective on November 2, 2022. Please note the referenced permit and program interest numbers and refer to them when corresponding with the Department.

The enclosed permit requires the permittee to conduct monitoring, maintenance and evaluation for compliance and effectiveness of the remedial action and its associated institutional control. The permit establishes all requirements necessary for demonstrating that the remedial action and control continue to be protective of public health, safety and the environment.

Requirement to Retain a Licensed Site Remediation Professional (LSRP)

The Technical Requirements for Site Remediation (Technical Requirements) at N.J.A.C. 7:26E-1.8 define remediation to include a remedial action. The Technical Requirements further define remedial action such that "... A remedial action continues as long as an engineering control or an institutional control is needed to protect the public health and safety and the environment, and until all unrestricted use remediation standards are met." Therefore, a person who is implementing a remedial action that includes an engineering or institutional control is conducting remediation, and that person is required to hire a licensed site remediation professional (LSRP) pursuant to the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS; see N.J.A.C. 7:26C-2.3(a) and (b)).

At all times, an LSRP is required to be retained for a case that has a Deed Notice, Classification Exception Area, Soil Remedial Action Permit, and/or Ground Water Remedial Action Permit until the remedial action(s) is no longer needed to protect the public health and safety and the environment, and until all unrestricted use remediation standards are met. The LSRP must be retained to operate, maintain, and monitor the institutional and/or engineering controls at the site, to ensure that the remedial action(s) remains protective of public health and safety and the environment, and to ensure compliance with the requirements of the Deed Notice, Classification Exception Area, Soil Remedial Action Permit, and/or the Ground Water Remedial Action Permit. This includes but is not limited to site inspections, ground water sampling, biennial submission of a Soil and/or Ground Water Remedial Action Protectiveness/Biennial Certification Form and Report, responding to any activities involving the institutional and/or engineering controls at the site, and responding to any public inquiries regarding the current status of the site. It is the responsibility of the LSRP certifying the Remedial Action Permit application to inform the Responsible Entity of the requirement regarding LSRP retention for a case that has a Soil and/or Ground Water Remedial Action Permit.

An LSRP may be retained or dismissed for a case that has an approved Soil and/or Ground Water Remedial Action Permit through the New Jersey Department of Environmental Protection online portal (www.nj.gov/dep/online/) by choosing the “LSRP Retention” or “LSRP Release” submission type selection option within the “LSRP Notification of Retention or Dismissal” service, and choosing the “Remedial Action Permit” activity in the case selection page. Please note that the Bureau of Remedial Action Permitting records the LSRP Retention for pending Remedial Action Permit Applications so there is no need to perform this function online. Also note that the LSRP Comprehensive Report (datamine2.state.nj.us/DEP_OPRA/OpraMain/categories?category=SRRA) now includes information pertaining to approved Soil and Ground Water Remedial Action Permits to which the LSRP is assigned.

Annual Fees

Please be aware that there are annual fees associated with this permit in accordance with N.J.A.C. 7:26C-4.6. These annual permit fees will be handled by invoicing the fee billing contact we have on record:

Marc Sotsky
Head – Roche Nutley Finance
Hoffmann-La Roche Inc.
150 Clove Road, 8th Floor, Suite 8
Little Falls, NJ 07424
Phone: (973) 634-8317
Email: marc.sotsky@roche.com

Any changes to this contact should be brought to the Department’s attention. Changes to fee billing contacts are updates and are not considered modifications to the permit.

The Department, the Commissioner of the Department, and the Administrator of the Spill Compensation Fund reserve all authority and rights against all persons named as a permittee with respect to liability for all costs and damages, including but not limited to damages for injury to, destruction of, or loss of natural resources (including the costs to conduct primary restoration to pre-discharge conditions and compensatory restoration damages) and for the costs of any natural resource damage assessments. The Department and the Commissioner of the Department further reserve their authorities and rights to seek all available relief, including equitable relief and the right to require any person responsible for the contamination at or migrating from the site to address natural resource injuries. Any approvals provided herein are without prejudice to the above-referenced authorities and rights

The Department looks forward to future continued cooperation in working together to provide a healthy environment for the citizens of New Jersey and to protect its resources. Going forward, questions or comments regarding this permit should be addressed to Robert Hawke with the Bureau of Remedial Action Permitting at Robert.Hawke@dep.nj.gov or (609) 292-3933.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Mitchell', with a long horizontal flourish extending to the right.

Lynne Mitchell, Assistant Director
Remediation Review Element

Enclosure

cc: Nutley Township Clerk (via email)
Montclair Department of Health and Human Services (via email)
Essex County Register (via email)
Essex County Department of Health (via email)
Essex Regional Health Commission (via email)
Clifton City Clerk (via email)
Clifton City Health Department (via email)
Passaic County Clerk (via email)
Rebecca Hollender, LSRP (via email)



Bureau of Remedial Action Permitting
 401 East State Street
 P.O. Box 420
 Mail Code 401-05S
 Trenton, NJ 08625-0420
 Phone: (609) 984-2990

GROUND WATER REMEDIAL ACTION PERMIT
Monitored Natural Attenuation with Technical Impracticability
(TI)

The New Jersey Department of Environmental Protection hereby grants you a Remedial Action Permit pursuant to N.J.S.A. 58:10C-1 et seq. and N.J.A.C. 7:26C-1 et seq. for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your remedial action will be protective of human health and the environment.

This permit establishes the monitoring, maintenance, and evaluation requirements for determining the effectiveness of an on-going ground water remediation. The monitoring program for this site shall be consistent with the attached Ground Water Monitoring Plan. A Classification Exception Area/Well Restriction Area (CEA/WRA) has been established for the site and is consistent with the attached CEA/WRA Fact Sheet.

Site: Hoffmann-La Roche Inc.

<p><u>Facility Address:</u></p> <p>340 Kingsland Street Nutley Township, NJ 07110-1199 Essex County</p>	<p><u>SRP PI #:</u> 009949</p> <p><u>Permit #:</u> RAP210001</p> <p><u>Issuance Date:</u> 10/27/2022</p> <p><u>Effective Date:</u> 11/02/2022</p>
<p><u>Person Responsible for Conducting the Remediation - Co-Permittee:</u></p> <p>Chandra Patel Director Site EH&S and Nutley Safety and Environmental Officer Hoffmann-La Roche Inc. 150 Clove Road, 8th Floor, Suite 8 Little Falls, NJ 07424 Phone: (973) 407-9708 Email: chandra_c.patel@roche.com</p>	
<p><u>Property Owner of Block: 200 Lot: 2 (Essex County, Nutley Township), Block: 201 Lot: 1 (Essex County, Nutley Township), and Block: 80.02 Lot: 1.01 (Passaic County, Clifton City) - Co-Permittee:</u></p> <p>Eugene Diaz Manager, Member PB Nutclif Master, LLC 310 Kingsland Street Nutley, NJ 07110 Phone: (201) 510-2040 Email: eugene.diaz@prismpartners.net</p>	

Property Owner of Block: 79.04 Lot: 21 (Passaic County, Clifton City) - Co-Permittee:

**William Warnick
Director EHS, East Region
Isabella Street Urban Renewal, LLC
1153 Bloomfield Avenue
Clifton, NJ 07012
Phone: (848) 210-6280
Email: William.G.Warnick@questdiagnostics.com**

I. Authority

The Department is issuing this permit in accordance with N.J.S.A. 58:10C-1 et seq. and N.J.A.C. 7:26C-1et seq.

II. Permit Requirements

A. GROUND WATER MONITORING REPORTING AND REQUIREMENTS

1. Reporting Requirements

a. The permittee shall submit a monitoring report in accordance with the schedule in the attached Ground Water Monitoring Plan. Submit the monitoring report with the Remedial Action Protectiveness/Biennial Certification Form biennially from the effective date of this permit. [N.J.A.C. 7:26C- 7.9(a)]

b. The permittee shall retain a Licensed Site Remediation Professional (LSRP) for the Ground Water Remedial Action Permit until the remedial action is no longer needed to protect the public health and safety and the environment, and until all unrestricted use remediation standards are met. The LSRP must be retained to operate, maintain, and monitor the institutional and/or engineering controls at the site, to ensure that the remedial action remains protective of public health and safety and the environment, and to ensure compliance with the requirements of the Ground Water Remedial Action Permit. This includes but is not limited to site inspections, ground water sampling, biennial submission of a Ground Water Remedial Action Protectiveness/Biennial Certification Form and Report, responding to any activities involving the institutional and/or engineering controls at the site, and responding to any public inquiries regarding the current status of the site. [N.J.A.C. 7:26C- 2.3(a and b)]

2. Sampling and Analysis

a. Sampling is to occur according to the applicable method(s) obtained from the Field Sampling Procedures Manual (the sampling method is noted in the site-specific Quality Assurance Performance Plan). [N.J.A.C. 7:26E- 2.1]

b. Samples are to be analyzed for the parameters listed in the attached Ground Water Monitoring Plan using the method or most recent revision of the method noted in the site-specific Quality Assurance Performance Plan. The method chosen must have adequate sensitivity to meet all applicable remediation standards/screening levels. The permittee shall collect and analyze samples pursuant to the attached Ground Water Monitoring Plan. [N.J.A.C. 7:26E- 2.1]

B. REMEDIAL ACTION PROTECTIVENESS/BIENNIAL CERTIFICATION FORM

1. Reporting Requirements

a. The permittee shall prepare and submit to the Department a Remedial Action Protectiveness/Biennial Certification Form every two years following the anniversary of the date of the effective date of this permit. The certification shall be submitted on the required form provided by the Department. Submit a Remedial Action Protectiveness/Biennial Certification Form biennially from the effective date of this permit. [N.J.A.C. 7:26C- 7.7(a)1]

2. Evaluation Requirements

a. The permittee shall hire a Licensed Site Remediation Professional to prepare and certify that the remedial action continues to be protective of the public health and safety and the environment. [N.J.A.C. 7:26C- 1.5(a)2]

b. The permittee shall conduct the remediation in accordance with all applicable statutes, rules, and guidance. [N.J.A.C. 7:26C- 1.2(a)]

c. The Remedial Action Protectiveness/Biennial Certification Form shall include a comparison of the laws, Ground Water Quality Standards, and other regulations applicable at the time the Department established the ground water classification exception area, with any relevant subsequently promulgated or modified laws or regulations to determine whether the classification exception area remains protective. The results shall be provided in table format, comparing of applicable laws, regulations, and standards. [N.J.A.C. 7:26C- 7.9(b)2]

d. The Remedial Action Protectiveness/Biennial Certification Form shall include an evaluation of whether there are any planned changes within a 25-year water use planning horizon for the aquifer(s) in which the ground water classification exception area is located since the Department established the ground water classification exception area or the last completed biennial review, whichever is more recent. [N.J.A.C. 7:26C- 7.9(b)3]

e. The Remedial Action Protectiveness/Biennial Certification Form shall include an evaluation of whether there have been any actual changes in the ground water use since the Department established the ground water classification exception area or the last completed biennial review. The results of the evaluation of the changes in ground water use include a scaled map identifying all wells and/or waterlines found within one mile from any part of the boundaries of the ground water classification exception area. [N.J.A.C. 7:26C- 7.9(b)4]

f. The permittee shall maintain a maintenance and evaluation log for each monitoring well used to establish the ground water classification exception area. The log shall include a description of any well damage or vandalism identified or repairs completed. If any of the damage resulted in the decommissioning of a well, provide a copy of the Well Abandonment Report. [N.J.A.C. 7:26C- 7.9(b)5]

g. The Remedial Action Protectiveness/Biennial Certification Form shall include an evaluation of any land use disturbance that may intercept the water table within the area of the ground water classification exception area that could result in a contaminated discharge to surface water. If any such disturbances are identified, sample the ground water/surface water downgradient and proximate to the land use disturbance to determine whether the ground water meets the more stringent of either: (1) The New Jersey Surface Water Quality Standards, N.J.A.C. 7:9B; or (2) The Federal Surface Water Quality Criteria, 40 CFR Part 131. [N.J.A.C. 7:26C- 7.9(b)6]

h. The Remedial Action Protectiveness/Biennial Certification Form shall include an evaluation of the fate and transport of the ground water contamination plume, including any additional remediation conducted, modification of the remedial action, or proposed revision of the ground water classification exception area, and apply for a modification of the Ground Water Remedial Action Permit to ensure that the remedial action remains protective of the public health and safety and the environment. [N.J.A.C. 7:26C- 7.9(b)7i and (d)2]

i. The permittee shall evaluate any changes in property use that may increase the risk of vapor intrusion from volatile ground water contaminants. [N.J.A.C. 7:26C- 7.9(b)7ii and (d)2]

j. Within 180 calendar days after the anticipated expiration date of the ground water classification exception area, the permittee shall collect at least two rounds of ground water samples such that the time between sampling events accounts for seasonal fluctuations in the ground water table and the number of ground water samples collected is representative of the entire horizontal and vertical extent of the ground water classification exception area. If ground water samples indicate that contaminant concentrations have decreased to or below the applicable ground water quality standards throughout the ground water classification exception area, then the permittee may request that the Department remove the ground water classification exception area pursuant to N.J.A.C. 7:26C-7.3(g) and terminate the Ground Water Remedial Action Permit pursuant to N.J.A.C. 7:26C-7.13. If ground water samples indicate that contaminant concentrations have not decreased to or below the applicable ground water quality standards throughout the ground water classification exception area, then the permittee shall modify the remedial action by re-modeling the fate and transport of the ground water contaminant plume, proposing a revision to the ground water classification exception area, and applying for a modification of the Ground Water Remedial Action Permit pursuant to N.J.A.C. 7:26C-7.12. [N.J.A.C. 7:26C- 7.9(f)]

C. FINANCIAL ASSURANCE REQUIREMENTS

1. No Engineering Control

a. Financial Assurance is not required since an engineering control is not in place for this site. [N.J.A.C. 7:26C- 7.10]

D. FEES

1. For each year hereafter on the anniversary of the effective date of this permit, the Department shall invoice the permittees the amount of the annual Remedial Action Permit Fee. [N.J.A.C. 7:26C- 4.6]

E. PERMIT TRANSFERS

1. The permittee shall, no later than 60 days after the sale or transfer of the property, or transfer of the operation of the property, or termination of a lease, submit a Remedial Action Permit Transfer/Change of Ownership Application and pay the permit transfer fee to the Department. [N.J.A.C. 7:26C- 7.11(b)]

F. PERMIT MODIFICATIONS

1. Ground Water Permit Modifications

a. The permittee shall apply to have the Department modify a Remedial Action Permit after a change in the remedial action pursuant to N.J.A.C. 7:26C-6.4. [N.J.A.C. 7:26C- 7.12(b)1]

b. The permittee shall apply to have the Department modify a Remedial Action Permit after the permittee changes its address. [N.J.A.C. 7:26C- 7.12(b)3]

G. PERMIT TERMINATIONS

1. A request for a permit termination can be filed by submitting a Remedial Action Permit Application to terminate the permit to the Department when the remedial action meets all applicable remediation standards without the need for the Remedial Action Permit and the remedial action is protective of the public health and safety and of the environment without the presence of the Remedial Action Permit. [N.J.A.C. 7:26C- 7.13]

H. FORM SUBMITTAL

1. Any forms, applications or documents required by this chapter that can be submitted in an electronic format shall be submitted electronically 90 days after the date that the Department informs the public in the New Jersey Register that the relevant electronic application is functional. [N.J.A.C. 7:26C- 1.6(c)]
2. All submissions required pursuant to this permit shall be made on forms approved and available from the Department. These forms and instructions for completing these forms can be found at <http://www.nj.gov/dep/srp/srra/forms>. [N.J.A.C. 7:26C- 1.6]

I. TECHNICAL IMPRACTICABILITY

1. Technical Impracticability (TI) is a condition where remediation of ground water to the applicable standards is not feasible from an engineering perspective because of the limitations in the currently available ground water remediation system engineering methods or technologies at the time the remedy is being designed. See the most recent version of the NJDEP Technical Impracticability Guidance Document. TI is a variance from the technical requirements. The procedures for a person to vary from the technical requirements are outlined in the Technical Rules at N.J.A.C. 7:26E-1.7. The procedures for deviating from technical guidance are found in ARRCS at N.J.A.C. 7:26.C-1.2(a) 3. [N.J.A.C. 7:26C- 1.2(a)3]
2. The TI determination is not a permanent remedy for contaminated ground water, therefore the TI determination shall be reevaluated not less than every 5 years. The person responsible for the permit compliance shall assess whether advances in engineering capabilities subsequent render the TI determination inapplicable and enable the responsible person to further remediate ground water to meet the applicable remediation standard. Approval of a TI determination application does not relieve the responsible person of the obligation to manage contaminant conditions in a manner that protects public health, safety and the environment. The completed TI evaluation shall be submitted with the next Remedial Action Protectiveness/Biennial Certification Form according to the Permit Schedule below for submission of TI evaluations. [N.J.A.C. 7:26C- 1.2(a)3]

III. Permit Schedule

Permit Effective Date: 11/02/2022	
Submission Requirement	Due Date
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2024
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2026
Submit a Remedial Action Protectiveness/Biennial Certification Form, Which Includes the 5 Year TI Re-Evaluation	11/02/2028
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2030
Submit a Remedial Action Protectiveness/Biennial Certification Form, Which Includes the 5 Year TI Re-Evaluation	11/02/2032
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2034
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2036
Submit a Remedial Action Protectiveness/Biennial Certification Form, Which Includes the 5 Year TI Re-Evaluation	11/02/2038
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2040
Submit a Remedial Action Protectiveness/Biennial Certification Form, Which Includes the 5 Year TI Re-Evaluation	11/02/2042
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2044
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2046
Submit a Remedial Action Protectiveness/Biennial Certification Form, Which Includes the 5 Year TI Re-Evaluation	11/02/2048
Submit a Remedial Action Protectiveness/Biennial Certification Form	11/02/2050
Submit a Remedial Action Protectiveness/Biennial Certification Form, Which Includes the 5 Year TI Re-Evaluation	11/02/2052

Note: Remedial Action Protectiveness/Biennial Certification Forms are required to be submitted according to the schedule, and shall continue to be submitted until the Permit is terminated or modified.

The Department, the Commissioner of the Department, and the Administrator of the Spill Compensation Fund reserve all authority and rights against all persons named as a permittee with respect to liability for all costs and damages, including but not limited to damages for injury to, destruction of, or loss of natural resources (including the costs to conduct primary restoration to pre-discharge conditions and compensatory restoration damages) and for the costs of any natural resource damage assessments. The Department and the Commissioner of the Department further reserve their authorities and rights to seek all available relief, including equitable relief and the right to require any person responsible for the contamination at or migrating from the site to address natural resource injuries. Any approvals provided herein are without prejudice to the above-referenced authorities and rights

Your Ground Water Remedial Action Permit under Administrative Requirements for the Remediation of Contaminated Sites, N.J.A.C. 7:26C-1 et seq. has been approved by the New Jersey Department of Environmental Protection.

Sincerely,



Lynne Mitchell, Assistant Director
Remediation Review Element

IV. Attachments:

- A. CEA/WRA Fact Sheet
- B. Ground Water Monitoring Plan

SRP PI #: 009949 Ground Water Remedial Action Permit #: RAP210001

Attachment A

Classification Exception Area/Well Restriction Area Fact Sheet

Case Information:

SRP PI #:	009949
RAP Number:	RAP210001
Case Name:	Hoffmann-La Roche Inc.
Address:	340 Kingsland Street Nutley Township
County:	Essex

--- Site Location: Refer to Exhibit A ---

Block and Lot of the CEA - Essex County, Nutley Township:

<i><u>Subject Item</u></i>	<i><u>Block</u></i>	<i><u>Lot</u></i>	<i><u>Municipality</u></i>	<i><u>Off-Site</u></i>
CEA100167705	102	2	Nutley Township	No
CEA100167705	200	1	Nutley Township	No
CEA100167705	200	2	Nutley Township	No
CEA100167705	200	3	Nutley Township	No
CEA100167705	200	4	Nutley Township	No
CEA100167705	200	5	Nutley Township	No
CEA100167705	200	6	Nutley Township	No
CEA100167705	200	24	Nutley Township	No
CEA100167705	201	1	Nutley Township	No
CEA100167705	201	1.01	Nutley Township	No
CEA100167705	201	1.02	Nutley Township	No
CEA100167705	201	1.03	Nutley Township	No
CEA100167705	300	1	Nutley Township	No
CEA100167705	300	1.01	Nutley Township	No
CEA100167705	300	1.02	Nutley Township	No
CEA100167705	300	1.03	Nutley Township	No
CEA100167705	300	1.04	Nutley Township	No
CEA100167705	300	1.05	Nutley Township	No
CEA100167705	300	1.06	Nutley Township	No
CEA100167705	300	1.07	Nutley Township	No
CEA100167705	2000	1	Nutley Township	No
CEA100167705	2000	4	Nutley Township	No
CEA100167705	2000	5	Nutley Township	No
CEA100167705	2101	1	Nutley Township	No
CEA100167705	10	1	Nutley Township	Yes
CEA100167705	10	2	Nutley Township	Yes
CEA100167705	101	1	Nutley Township	Yes
CEA100167705	101	2	Nutley Township	Yes
CEA100167705	101	3	Nutley Township	Yes
CEA100167705	101	4	Nutley Township	Yes

CEA100167705	101	5	Nutley Township	Yes
CEA100167705	101	6	Nutley Township	Yes
CEA100167705	101	7	Nutley Township	Yes
CEA100167705	101	8	Nutley Township	Yes
CEA100167705	101	9	Nutley Township	Yes
CEA100167705	101	10	Nutley Township	Yes
CEA100167705	101	18	Nutley Township	Yes
CEA100167705	101	19	Nutley Township	Yes
CEA100167705	101	20	Nutley Township	Yes
CEA100167705	101	21	Nutley Township	Yes
CEA100167705	102	1	Nutley Township	Yes
CEA100167705	102	3	Nutley Township	Yes
CEA100167705	102	4	Nutley Township	Yes
CEA100167705	102	5	Nutley Township	Yes
CEA100167705	102	6	Nutley Township	Yes
CEA100167705	102	7	Nutley Township	Yes
CEA100167705	102	8	Nutley Township	Yes
CEA100167705	102	9	Nutley Township	Yes
CEA100167705	102	10	Nutley Township	Yes
CEA100167705	102	11	Nutley Township	Yes
CEA100167705	102	12	Nutley Township	Yes
CEA100167705	102	13	Nutley Township	Yes
CEA100167705	102	14	Nutley Township	Yes
CEA100167705	102	15	Nutley Township	Yes
CEA100167705	102	16	Nutley Township	Yes
CEA100167705	102	17	Nutley Township	Yes
CEA100167705	102	18	Nutley Township	Yes
CEA100167705	102	19	Nutley Township	Yes
CEA100167705	102	20	Nutley Township	Yes
CEA100167705	102	21	Nutley Township	Yes
CEA100167705	102	22	Nutley Township	Yes
CEA100167705	200	7	Nutley Township	Yes
CEA100167705	200	8	Nutley Township	Yes
CEA100167705	200	9	Nutley Township	Yes
CEA100167705	200	10	Nutley Township	Yes
CEA100167705	200	11	Nutley Township	Yes
CEA100167705	200	12	Nutley Township	Yes
CEA100167705	200	13	Nutley Township	Yes
CEA100167705	200	14	Nutley Township	Yes
CEA100167705	200	15	Nutley Township	Yes
CEA100167705	200	16	Nutley Township	Yes
CEA100167705	200	17	Nutley Township	Yes
CEA100167705	200	18	Nutley Township	Yes
CEA100167705	200	19	Nutley Township	Yes
CEA100167705	200	20	Nutley Township	Yes
CEA100167705	200	21	Nutley Township	Yes
CEA100167705	200	22	Nutley Township	Yes
CEA100167705	200	23	Nutley Township	Yes
CEA100167705	201	2	Nutley Township	Yes
CEA100167705	300	17	Nutley Township	Yes

CEA100167705	300	18	Nutley Township	Yes
CEA100167705	300	19	Nutley Township	Yes
CEA100167705	300	20	Nutley Township	Yes
CEA100167705	300	21	Nutley Township	Yes
CEA100167705	300	22	Nutley Township	Yes
CEA100167705	2000	27	Nutley Township	Yes
CEA100167705	2000	33	Nutley Township	Yes
CEA100167705	2003	1	Nutley Township	Yes
CEA100167705	2100	1	Nutley Township	Yes
CEA100167705	2100	2	Nutley Township	Yes
CEA100167705	2100	3	Nutley Township	Yes
CEA100167705	2100	4	Nutley Township	Yes
CEA100167705	2100	5	Nutley Township	Yes
CEA100167705	2100	6	Nutley Township	Yes
CEA100167705	2100	7	Nutley Township	Yes
CEA100167705	2100	8	Nutley Township	Yes
CEA100167705	2100	8.01	Nutley Township	Yes
CEA100167705	2100	9	Nutley Township	Yes
CEA100167705	2100	9.01	Nutley Township	Yes
CEA100167705	2100	9.02	Nutley Township	Yes
CEA100167705	2100	10	Nutley Township	Yes
CEA100167705	2100	11	Nutley Township	Yes
CEA100167705	2100	12	Nutley Township	Yes
CEA100167705	2100	13	Nutley Township	Yes
CEA100167705	2100	14	Nutley Township	Yes
CEA100167705	2100	15	Nutley Township	Yes
CEA100167705	2100	16	Nutley Township	Yes
CEA100167705	2100	17	Nutley Township	Yes
CEA100167705	2100	18	Nutley Township	Yes
CEA100167705	2100	19	Nutley Township	Yes
CEA100167705	2100	20	Nutley Township	Yes
CEA100167705	2100	21	Nutley Township	Yes
CEA100167705	2100	22	Nutley Township	Yes
CEA100167705	2100	23	Nutley Township	Yes
CEA100167705	2101	2	Nutley Township	Yes
CEA100167705	2200	13	Nutley Township	Yes
CEA100167705	2200	14	Nutley Township	Yes
CEA100167705	2201	9	Nutley Township	Yes
CEA100167705	2201	10	Nutley Township	Yes
CEA100167705	2201	11	Nutley Township	Yes
CEA100167705	2201	12	Nutley Township	Yes
CEA100167705	2201	13	Nutley Township	Yes
CEA100167705	2201	14	Nutley Township	Yes
CEA100167705	2201	15	Nutley Township	Yes
CEA100167705	2201	16	Nutley Township	Yes
CEA100167705	2201	17	Nutley Township	Yes
CEA100167705	2201	18	Nutley Township	Yes
CEA100167705	2201	19	Nutley Township	Yes
CEA100167705	2202	1	Nutley Township	Yes
CEA100167705	2202	2	Nutley Township	Yes

CEA100167705	2202	3	Nutley Township	Yes
CEA100167705	2202	4	Nutley Township	Yes
CEA100167705	2202	5	Nutley Township	Yes
CEA100167705	2202	6	Nutley Township	Yes
CEA100167705	2202	7	Nutley Township	Yes
CEA100167705	2202	8	Nutley Township	Yes
CEA100167705	2203	2	Nutley Township	Yes
CEA100167705	2203	3	Nutley Township	Yes
CEA100167705	2203	4	Nutley Township	Yes
CEA100167705	2203	5	Nutley Township	Yes
CEA100167705	2203	6	Nutley Township	Yes
CEA100167705	2203	7	Nutley Township	Yes
CEA100167705	2203	8	Nutley Township	Yes
CEA100167705	2203	9	Nutley Township	Yes
CEA100167705	2203	10	Nutley Township	Yes
CEA100167705	2203	11	Nutley Township	Yes
CEA100167705	2203	12	Nutley Township	Yes
CEA100167705	2203	13	Nutley Township	Yes
CEA100167705	2203	14	Nutley Township	Yes
CEA100167705	2203	15	Nutley Township	Yes
CEA100167705	2302	12	Nutley Township	Yes
CEA100167705	2303	7	Nutley Township	Yes
CEA100167705	2303	8	Nutley Township	Yes
CEA100167705	2303	9	Nutley Township	Yes
CEA100167705	2303	10	Nutley Township	Yes
CEA100167705	2303	11	Nutley Township	Yes
CEA100167705	2303	12	Nutley Township	Yes
CEA100167705	2303	13	Nutley Township	Yes
CEA100167705	2303	14	Nutley Township	Yes
CEA100167705	2303	15	Nutley Township	Yes
CEA100167705	2303	16	Nutley Township	Yes
CEA100167705	2303	17	Nutley Township	Yes
CEA100167705	2303	18	Nutley Township	Yes
CEA100167705	2303	19	Nutley Township	Yes
CEA100167705	2303	20	Nutley Township	Yes
CEA100167705	2303	21	Nutley Township	Yes
CEA100167705	2303	22	Nutley Township	Yes
CEA100167705	2303	23	Nutley Township	Yes
CEA100167705	2303	24	Nutley Township	Yes
CEA100167705	2303	25	Nutley Township	Yes
CEA100167705	2303	26	Nutley Township	Yes
CEA100167705	2303	27	Nutley Township	Yes
CEA100167705	2304	3	Nutley Township	Yes
CEA100167705	2304	4	Nutley Township	Yes
CEA100167705	2304	5	Nutley Township	Yes
CEA100167705	2304	6	Nutley Township	Yes
CEA100167705	2304	7	Nutley Township	Yes
CEA100167705	2304	8	Nutley Township	Yes
CEA100167705	2304	9	Nutley Township	Yes
CEA100167705	2304	10	Nutley Township	Yes

CEA100167705	2304	11	Nutley Township	Yes
CEA100167705	2304	12	Nutley Township	Yes
CEA100167705	2304	13	Nutley Township	Yes
CEA100167705	2304	14	Nutley Township	Yes
CEA100167705	2304	15	Nutley Township	Yes
CEA100167705	2304	16	Nutley Township	Yes
CEA100167705	2304	17	Nutley Township	Yes
CEA100167705	2304	18	Nutley Township	Yes
CEA100167705	2304	19	Nutley Township	Yes
CEA100167705	2304	20	Nutley Township	Yes
CEA100167705	2304	21	Nutley Township	Yes
CEA100167705	2304	22	Nutley Township	Yes
CEA100167705	2304	23	Nutley Township	Yes
CEA100167705	2304	24	Nutley Township	Yes
CEA100167705	2304	25	Nutley Township	Yes
CEA100167705	2304	26	Nutley Township	Yes
CEA100167705	2304	27	Nutley Township	Yes
CEA100167705	2304	28	Nutley Township	Yes
CEA100167705	2304	29	Nutley Township	Yes
CEA100167705	2304	30	Nutley Township	Yes
CEA100167705	2400	21	Nutley Township	Yes
CEA100167705	2400	22	Nutley Township	Yes
CEA100167705	2400	23	Nutley Township	Yes
CEA100167705	2400	24	Nutley Township	Yes
CEA100167705	2401	16	Nutley Township	Yes
CEA100167705	2401	17	Nutley Township	Yes
CEA100167705	2401	18	Nutley Township	Yes
CEA100167705	2401	19	Nutley Township	Yes
CEA100167705	2401	20	Nutley Township	Yes
CEA100167705	2401	21	Nutley Township	Yes
CEA100167705	2401	22	Nutley Township	Yes
CEA100167705	2401	23	Nutley Township	Yes
CEA100167705	2401	24	Nutley Township	Yes
CEA100167705	2401	25	Nutley Township	Yes
CEA100167705	2402	10	Nutley Township	Yes
CEA100167705	2402	11	Nutley Township	Yes
CEA100167705	2402	12	Nutley Township	Yes
CEA100167705	2402	13	Nutley Township	Yes
CEA100167705	2402	14	Nutley Township	Yes
CEA100167705	2402	15	Nutley Township	Yes
CEA100167705	2402	16	Nutley Township	Yes
CEA100167705	2402	17	Nutley Township	Yes
CEA100167705	2402	18	Nutley Township	Yes
CEA100167705	2402	19	Nutley Township	Yes
CEA100167705	2402	20	Nutley Township	Yes
CEA100167705	2402	21	Nutley Township	Yes
CEA100167705	2900	14	Nutley Township	Yes
CEA100167705	2900	15	Nutley Township	Yes
CEA100167705	2900	16	Nutley Township	Yes
CEA100167705	2900	17	Nutley Township	Yes

CEA100167705	2900	18	Nutley Township	Yes
CEA100167705	2900	19	Nutley Township	Yes
CEA100167705	3000	10	Nutley Township	Yes
CEA100167705	3000	11	Nutley Township	Yes
CEA100167705	3000	12	Nutley Township	Yes
CEA100167705	3000	13	Nutley Township	Yes
CEA100167705	3001	1	Nutley Township	Yes
CEA100167705	3001	2	Nutley Township	Yes
CEA100167705	3001	3	Nutley Township	Yes
CEA100167705	3001	4	Nutley Township	Yes
CEA100167705	3001	5	Nutley Township	Yes
CEA100167705	3001	6	Nutley Township	Yes
CEA100167705	3001	7	Nutley Township	Yes
CEA100167705	3001	8	Nutley Township	Yes
CEA100167705	3001	9	Nutley Township	Yes
CEA100167705	3001	10	Nutley Township	Yes
CEA100167705	3001	11	Nutley Township	Yes
CEA100167705	3001	12	Nutley Township	Yes
CEA100167705	3001	13	Nutley Township	Yes
CEA100167705	3001	14	Nutley Township	Yes
CEA100167705	3001	15	Nutley Township	Yes
CEA100167705	3001	16	Nutley Township	Yes
CEA100167705	3001	17	Nutley Township	Yes
CEA100167705	3001	18	Nutley Township	Yes
CEA100167705	3001	19	Nutley Township	Yes
CEA100167705	3001	20	Nutley Township	Yes
CEA100167705	3001	21	Nutley Township	Yes
CEA100167705	3001	22	Nutley Township	Yes
CEA100167705	3001	23	Nutley Township	Yes
CEA100167705	3001	24	Nutley Township	Yes
CEA100167705	3002	10	Nutley Township	Yes
CEA100167705	3002	11	Nutley Township	Yes
CEA100167705	3002	12	Nutley Township	Yes
CEA100167705	3002	13	Nutley Township	Yes
CEA100167705	3002	14	Nutley Township	Yes
CEA100167705	3101	1	Nutley Township	Yes

Block and Lot of the CEA – Passaic County, Clifton City:

<i>Subject Item</i>	<i>Block</i>	<i>Lot</i>	<i>Municipality</i>	<i>Off-Site</i>
CEA100167705	79.04	10	Clifton City	No
CEA100167705	79.04	21	Clifton City	No
CEA100167705	80.02	1.01	Clifton City	No
CEA100167705	80.02	1.02	Clifton City	No
CEA100167705	80.02	1.03	Clifton City	No
CEA100167705	80.02	1.04	Clifton City	No
CEA100167705	80.02	1.05	Clifton City	No
CEA100167705	80.02	4.01	Clifton City	No
CEA100167705	80.02	4.02	Clifton City	No
CEA100167705	80.02	4.03	Clifton City	No

CEA100167705	80.02	4.05	Clifton City	No
CEA100167705	80.02	4.07	Clifton City	No
CEA100167705	80.02	4.08	Clifton City	No
CEA100167705	80.02	4.10	Clifton City	No
CEA100167705	80.02	4.11	Clifton City	No
CEA100167705	80.02	2.01	Clifton City	Yes
CEA100167705	80.02	2.02	Clifton City	Yes
CEA100167705	80.02	2.03	Clifton City	Yes
CEA100167705	80.02	3	Clifton City	Yes
CEA100167705	80.02	4.04	Clifton City	Yes

Facility Contacts:

<p>Co-Permittee: Person Responsible for Conducting the Remediation:</p>	<p>Chandra Patel Director Site EH&S and Nutley Safety and Environmental Officer Hoffmann-La Roche Inc. 150 Clove Road, 8th Floor, Suite 8 Little Falls, NJ 07424 Phone: (973) 407-9708 Email: chandra_c.patel@roche.com</p>
<p>Co-Permittee: Property Owner of Block: 200 Lot: 2 (Essex County, Nutley Township), Block: 201 Lot: 1 (Essex County, Nutley Township), and Block: 80.02 Lot: 1.01 (Passaic County, Clifton City):</p>	<p>Eugene Diaz Manager, Member PB Nutclif Master, LLC 310 Kingsland Street Nutley, NJ 07110 Phone: (201) 510-2040 Email: eugene.diaz@prismpartners.net</p>
<p>Co-Permittee: Property Owner of Block: 79.04 Lot: 21 (Passaic County, Clifton City):</p>	<p>William Warnick Director EHS, East Region Isabella Street Urban Renewal, LLC 1153 Bloomfield Avenue Clifton, NJ 07012 Phone: (848) 210-6280 Email: William.G.Warnick@questdiagnostics.com</p>

CEA Information:

<u><i>Subject Item</i></u>	<u><i>Description</i></u>
CEA100167705	CEA includes two groups of plumes in Hoffmann-La Roche Inc.'s December 2019 Ground Water Remedial Action Workplan. The CEA begins at the north and west site borders, encompasses the site, and extends off-site about 900 feet to the south and 200-800 feet to the southeast.

<u><i>Subject Item</i></u>	<u><i>Affected Aquifer</i></u>	<u><i>Vertical Depth</i></u>
CEA100167705	Passaic Formation	560 ft bgs

<u><i>Subject Item</i></u>	<u><i>Classification</i></u>
CEA100167705	II-A

Contaminants: This CEA/WRA applies only to the contaminants listed in the table below. All constituents' standards (N.J.A.C. 7:9C-1.6) apply at the designated boundary.

<u><i>Subject Item</i></u>	<u><i>Contaminant</i></u>	<u><i>Concentration (1)</i></u>	<u><i>GWQS (2)</i></u>
CEA100167705	Benzene	240 Micrograms Per Liter	1 Microgram Per Liter
CEA100167705	Carbon tetrachloride	540 Micrograms Per Liter	1 Microgram Per Liter
CEA100167705	Chlorobenzene	400 Micrograms Per Liter	50 Micrograms Per Liter
CEA100167705	Chloroethane	6.8 Micrograms Per Liter	5 Micrograms Per Liter
CEA100167705	1,1-Dichloroethane	110 Micrograms Per Liter	50 Micrograms Per Liter
CEA100167705	1,2-Dichloroethane	54 Micrograms Per Liter	2 Micrograms Per Liter
CEA100167705	1,1-Dichloroethene	240 Micrograms Per Liter	1 Microgram Per Liter
CEA100167705	cis-1,2-Dichloroethene	2000 Micrograms Per Liter	70 Micrograms Per Liter
CEA100167705	1,4-Dioxane	330 Micrograms Per Liter	0.4 Micrograms Per Liter
CEA100167705	2-Hexanone	41 Micrograms Per Liter	40 Micrograms Per Liter
CEA100167705	Methyl tert-butyl ether	460 Micrograms Per Liter	70 Micrograms Per Liter
CEA100167705	Tetrachloroethylene	1900 Micrograms Per Liter	1 Microgram Per Liter
CEA100167705	Trichloroethylene	4300 Micrograms Per Liter	1 Microgram Per Liter
CEA100167705	Vinyl Chloride	64 Micrograms Per Liter	1 Microgram Per Liter

Note: (1) Maximum concentration detected at the time of CEA establishment
(2) Ground Water Quality Standards

--- CEA Boundaries: Refer to Exhibit B ---

Projected Term of CEA:

<u>Subject Item</u>	<u>Date Established</u>
CEA100167705	01/06/2021

<u>Subject Item</u>	<u>Duration in Years</u>
CEA100167705	Indeterminate

<u>Subject Item</u>	<u>Expected Expiration Date</u>
CEA100167705	Indeterminate

Note: Since ground water quality data indicates exceedance of contaminants above the Primary Drinking Water Standards, and the designated uses of Class II-A aquifers include potable use, the CEA established for this site is also a Well Restriction Area. The extent of the Well Restriction Area shall coincide with the boundaries of the CEA.

Well Restrictions set within the boundaries of the CEA:

<u>Subject Item</u>	<u>Restriction</u>
CEA100167705	Double Case Wells: With the exception of monitoring wells installed into the first water bearing zone, any proposed well to be installed within the CEA/WRA boundary shall be double cased to an appropriate depth in order to prevent any vertical contaminant migration pathways. This depth is either into a confining layer or 50 feet below the vertical extent of the CEA.
CEA100167705	Evaluate Production Wells: Any proposed high-capacity production wells in the immediate vicinity of the CEA/WRA should be pre-evaluated to determine if pumping from these wells would draw a portion of the contaminant plume into the cone of capture of the production wells or alter the configuration of the contaminant plume.
CEA100167705	Sample Potable Wells: Any potable well to be installed within the footprint of the CEA/WRA shall be sampled annually for the parameters of concern. The first sample shall be collected prior to using the well. If contamination is detected, contact your local Health Department. If the contamination is above the Safe Drinking Water Standards, then the NJDEP Hot Line should be called. Treatment is required for any well that has contamination above the Safe Drinking Water Standards.

Exhibit A: Site Location Map

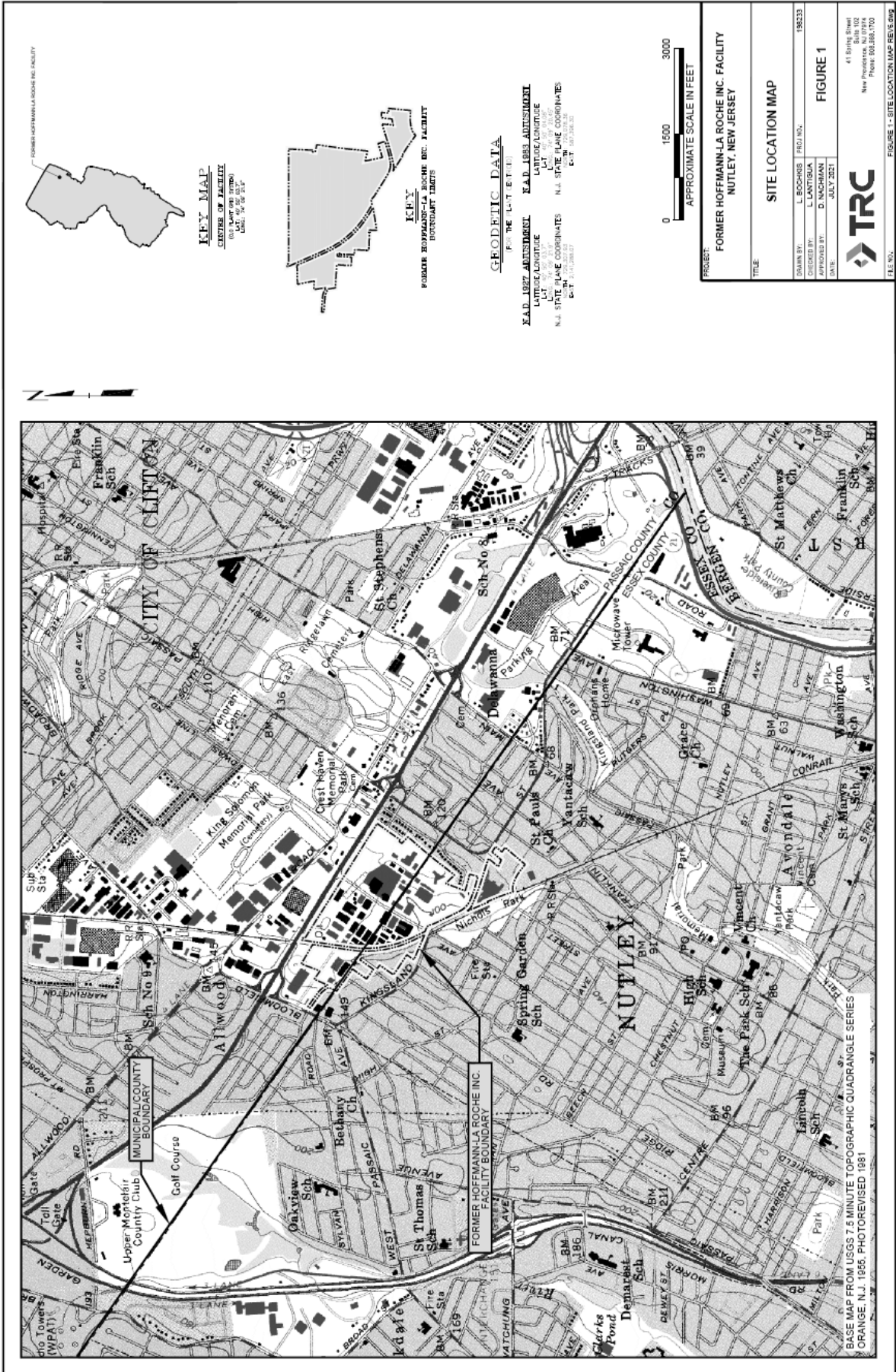


Exhibit B: CEA/WRA Location Map



KEY MAP
SCALE: 1" = 1,000'

- LEGEND**
- Former Hoffmann-La Roche Inc. Facility Boundary
 - Investigative Area
 - Remedial Action and Monitored Plumes CEA Boundary
 - Well Included in Long Term Monitoring Plan

- NOTES**
- 1) CEA = Classification Exception Area
 - 2) Monitoring wells MW 2589R and 1390 MW-R are proposed for installation in A-10. Well coordinates will be revised after well installations are completed.



FORMER HOFFMANN-LA ROCHE INC. FACILITY SOUTH, NEW JERSEY	
CEA BOUNDARY FOR REMEDIAL ACTION AND MONITORED PLUMES (AS DESCRIBED IN THE DECEMBER 2018 RAMP)	
DATE: 12/18/18	SCALE: 1" = 1,000'
EXHIBIT B-1	

Attachment B
Ground Water Monitoring Plan for
Ground Water Remedial Action Permit

Case Information:

Preferred ID:	009949
RAP Number:	RAP210001
Case Name:	Hoffmann-La Roche Inc.
Address:	340 Kingsland Street
City:	Nutley Township
County:	Essex County

Monitoring Schedule:

Well to Be Sampled	Type of Well	Easting	Northing	Sampling Schedule	Reporting Schedule	Sampling Parameters for Each Well
Remedial Action Well (RA)/138RI-MW1R	Plume fringe	586409.1	729698.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/187RI-MW2	Area of Concern	586570	729168.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/ART-MW-6BR	Area of Concern	587088.1	729396	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/IW-197A	Area of Concern	586821.6	729246.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-136	Plume sampling point	586898.1	729586.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-136B	Plume sampling point	586911.3	729581.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-136C	Plume sampling point	586896.7	729572.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-170BR	Area of Concern	587412.1	729358.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-170AR	Area of Concern	587402.7	729358.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

RA/MW-22A	Sentinel	586803.5	728799.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-243B	Plume fringe	587132.3	729297.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-259BR	Plume fringe	586216.7	729842.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-286A	Plume fringe	586249.3	729818.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-304B	Plume fringe	587211.9	727718.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-304C	Plume fringe	587212.9	727739.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-357A	Area of Concern	587128.4	729942.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-126C	Plume fringe	586847.9	728459.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-391C	Area of Concern	586821	729860.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/MW-394C	Area of Concern	586878.1	730153.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/IW-199B	Area of Concern	586826.3	729252.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/DW-65-119-S3	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
RA/DW-65-221-D1	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
Monitored Plume Well (MP)/131R I-MW1	Plume sampling point	586589.3	729807.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/66RI-MW4	Plume sampling point	586648.3	730201.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-11B	Plume fringe	586764	727529.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/DW-11D	plume fringe	586755	727514.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-12A	Plume sampling point	587042.1	729676	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-12B	Plume sampling point	587010.2	729663.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-12CR	Plume sampling point	587021.9	729684.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-13-D2	Plume sampling point	586527	728814	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-16A	Plume sampling point	585961.9	729998.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-16B	Plume sampling point	585937.3	730015.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-16C	Plume sampling point	585932.2	729997.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-17C	Sentinel	588315.2	726940.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-24	Sentinel	587288.7	726074	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-27B	Plume sampling point	586191.3	729550.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-27C	Plume sampling point	586203.3	729558.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-28A	Plume sampling point	588599.1	729432.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-28B	Plume sampling point	588590.5	729432.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-29B	Plume sampling point	588339	729594.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-29C	Plume sampling point	588345.8	729581.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-2B	Plume sampling point	588619.2	729154.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/DW-2-D2	Plume sampling point	588637.5	729123.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-30B	Plume sampling point	587688.5	729995	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-31C	Plume sampling point	587198	730293.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-32A	Plume sampling point	586772.9	730479.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-32B	Plume sampling point	586772.7	730469.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-33A	Plume sampling point	586343.9	730549.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-33B	Plume sampling point	586347.9	730558.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-33C	Plume sampling point	586356	730544.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-34B	Plume sampling point	585625.2	730437.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-37B	Plume fringe	588325.2	728464.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-38A	Plume fringe	588146	728209.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-38B	Plume fringe	588152.2	728215.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-39B	Sentinel	587876.6	727543.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-39C	Sentinel	587873.2	727532.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-3B	Plume fringe	587943.9	728010.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-3-D2	Plume fringe	587954.5	728019	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-40A	Plume sampling point	586742.6	728573.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/DW-40B	Plume sampling point	586735.2	728562.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-40C	Plume sampling point	586753.9	728567.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-41C	Plume sampling point	587955.3	728937.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-45A	Plume sampling point	587503	729057.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-4C	Plume sampling point	587427.1	726800.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-4D	Plume sampling point	587414.1	726814.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-52A	Plume sampling point	587361.5	727744.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-58A	Plume sampling point	587746.1	728115	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-64A	Plume sampling point	588651.2	729610.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-145-D1	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-154-D1	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-176-D1	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-199-D1	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-262-D2	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-350-D2	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-73-S2	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-65-91-S3	Sentinel	587008.9	730424.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/DW-67B	Plume sampling point	586836.9	729861.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-68A	Plume sampling point	586884.9	729559.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-6B	Plume sampling point	587806	728578.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-6C	Plume sampling point	587788.9	728575.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-6D	Plume sampling point	587796.5	728561.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-114-S3	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-123-D1	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-150-D1	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-174-D1	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-205-D1	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-261-D2	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-70-83-S3	Sentinel	586948.8	731528.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-72-120-S3	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-72-146-S3	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-72-167-D1	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-72-176-D1	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-72-217-D1	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/DW-72-237-D1	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-72-316-D2	Sentinel	588890.6	729985.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-7A	Plume sampling point	588037.5	729994.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-7B	Plume sampling point	588047.7	729990.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-7C	Plume sampling point	588054.2	729993.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-7D	Plume sampling point	588041.5	730001.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-8A	Plume sampling point	587898.5	729677.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-8B	Plume sampling point	587883.7	729655.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-8C	Plume sampling point	587904.2	729649.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/DW-9A	Plume sampling point	587693.6	729195.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/IW-157C2	Plume sampling point	587320.7	727960	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/IW-168B	Plume sampling point	587243.5	728400.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/IW-168C1	Plume sampling point	587243.9	728392.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/IW-168C2	Plume sampling point	587252.2	728396.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-102	Plume sampling point	587256.2	727920.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-104B	Plume sampling point	587026.2	728107.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-105A	Plume sampling point	586769.3	728004.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-105B	Plume sampling point	586765	727997.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-106A	Plume sampling point	587094.4	727971.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-106B	Plume sampling point	587097.7	727960.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-112A	Plume sampling point	587436.7	727429.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-114	Plume sampling point	588646.5	729160.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-114A	Plume sampling point	588661.5	729164.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-117	Plume sampling point	587296.7	728892.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-120	Plume fringe	587977.7	728039	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-124A	Plume sampling point	587673.9	726942.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-124B	Plume sampling point	587683	726964.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-126	Plume sampling point	586853.6	728465.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-126B	Plume sampling point	586845.2	728471.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-131	Sentinel	587994.8	727346.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-131B	Sentinel	587986.9	727340.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-131C	Sentinel	588002.8	727348.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-143	Plume sampling point	587603.9	727606.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-143B	Plume sampling point	587609.5	727618.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-143C	Plume sampling point	587610.6	727609.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-145A	Plume sampling point	587435.1	727221.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-146A	Plume sampling point	587569.5	726815.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-146B	Plume sampling point	587487.1	726751.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-146C	Plume sampling point	587466.7	726766.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-148A	Sentinel	587897.6	726943.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-148B	Sentinel	587907.2	726940.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-15A	Plume sampling point	587343.8	728836.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-16	Plume sampling point	586785.3	730345.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-171A	Plume sampling point	587218.3	727431.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-171B	Plume sampling point	587222.1	727422.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-171C	Plume sampling point	587213.7	727441.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-172	Plume sampling point	587694.8	727873.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-174	Plume sampling point	587513.8	729572.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-1G	Plume sampling point	586784.4	728414.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-201	Plume sampling point	588019.4	730009	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-201A	Plume sampling point	588021.3	730011.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-201B	Plume sampling point	588034	730005.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-201C	Plume sampling point	588029.9	729998.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-204C	Plume sampling point	587527.3	728571.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-206B	Plume sampling point	586092.4	729862.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-206C	Plume sampling point	586105.2	729854	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-207A	Plume sampling point	586307.3	728999.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-207B	Plume sampling point	586304.4	729020.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-207C	Plume sampling point	586294.2	729009.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-209A	Plume sampling point	586675.7	728173.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-209B	Plume sampling point	586684.4	728175	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-213B	Plume fringe	585877	728882.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-213C	Plume fringe	585866.1	728866.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-214A	Plume sampling point	586290.3	728476.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-214B	Plume sampling point	586293.1	728487.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-214C	Plume sampling point	586284.7	728469.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-215C	Plume fringe	586748.1	727501.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-216C	Plume sampling point	587128.2	727023.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-222	Sentinel	588022	726107.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-222C	Sentinel	588002.6	726102.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-230C	plume sampling point	586549.3	730479.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-236B	Plume fringe	586507.2	727770.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-236C	Plume fringe	586501.7	727773.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-237A	Plume sampling point	587192	730306	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-237C	Plume sampling point	587182.9	730310.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-238C	Plume sampling point	587190.8	728587.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-24	Plume sampling point	587875.7	729720.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-24C	Plume sampling point	587718.5	729540.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-257A	Plume sampling point	587160.1	727293.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-257B	Plume sampling point	587166.7	727291.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-258B	Sentinel	587280.1	726060.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-258C	Sentinel	587287.2	726067.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-260C	Plume sampling point	588578.3	728709.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-260-S3	Plume sampling point	588555.8	728737.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-265B	Plume sampling point	587679.7	729994	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-265C	Plume sampling point	587665.6	730002.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-266A	Plume sampling point	586765.4	730470.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-266B	Plume sampling point	586763.8	730461	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-266C	Plume sampling point	586771.3	730459.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-267A	Plume sampling point	585617.3	730443.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-267B	Plume sampling point	585661.4	730413.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-269A	Plume fringe	588163.3	728226	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-269C	Plume fringe	588157.6	728220.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-270A	Plume fringe	588348.5	728502.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-271A	Plume sampling point	588622.5	729418	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-271B	Plume sampling point	588609.8	729420.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-271C	Plume sampling point	588618.4	729404.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-273B	Plume sampling point	586351.6	730565.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-273C	Plume sampling point	586357.6	730554.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-274A	Plume sampling point	585896.9	730012.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-274B	Plume sampling point	585902.8	730023.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-274C	Plume sampling point	585909.7	730034.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-275B	Plume sampling point	586671.4	728554.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-276A	Sentinel	587900.3	727544.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-276B	Sentinel	587896.9	727533.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-276C	Sentinel	587892.6	727522	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-288B	Plume sampling point	587466.6	728623	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-295A	Plume sampling point	587944.9	729711.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-295C	Plume sampling point	587940.4	729709.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-2G	Plume sampling point	586720	728355.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-304A	Plume sampling point	587206.2	727725.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-347B	Plume sampling point	586519.8	728894	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-348B	Plume sampling point	586485.8	728818.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-349B	Plume sampling point	586629.3	728709.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-349C	Plume sampling point	586625.1	728703.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-351C	Plume sampling point	587469.9	729456.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-353A	Plume sampling point	588636.6	729618.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-353B	Plume sampling point	588639.7	729614.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-353C	Plume sampling point	588642.2	729615.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-366B	Plume sampling point	587370.3	727747	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-373B	Plume sampling point	587757.3	728110.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-373C	Plume sampling point	587751.1	728113.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-375A	Plume sampling point	588450.6	729520.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-375B	Plume sampling point	588465.3	729510.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-375C	Plume sampling point	588473.5	729505.9	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-376B	Plume sampling point	588446.8	729085.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-376C	Plume sampling point	588440.9	729090.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-377B	Plume sampling point	588132.9	728812.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-377C	Plume sampling point	588135.4	728816.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-383A	Area of Concern	587939.1	729799.2	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-416A	Plume sampling point	586759.1	729639.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-416B	Plume sampling point	586752.3	729637.8	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-416C	Plume sampling point	586759.2	729633.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-43	Plume sampling point	586287.5	729302.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-44	Plume sampling point	586150.6	729476.5	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-44B	Plume sampling point	586157.3	729459.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

MP/MW-44C	Plume sampling point	586139.7	729460.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-453C2	Plume sampling point	587440.6	727990.1	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-457C1	Plume sampling point	587377.3	728099.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-46	Plume fringe	587931	727976	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-483B	Plume sampling point	586416.8	729110	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-483C	Plume sampling point	586425.3	729108.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-495B	Plume sampling point	587410.1	728813.7	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-503C	Plume sampling point	587381.7	728801.6	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-58	Plume sampling point	586874.8	730500.4	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane
MP/MW-80C	Plume sampling point	587877.2	729693.3	Other*	Biennially	Volatile Organics, Tert-butyl alcohol, and 1,4-Dioxane

* Other: Annual: Years 1-4;
Biennial: Years 5-8;
Every 4 Years: 9- At the Expiration of the CEA

Note: Depth to water table measurements should be collected at all monitoring wells in the Ground Water Monitoring Plan during each ground water sampling event, and contour maps generated and provided with each Ground Water Remedial Action Protectiveness/Biennial Certification Form due for the site.