



December 2, 2022

Mr. 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, New Jersey 07424

Re: Response Action Outcome

**Remedial Action Type:** *Limited Restricted Use*

**Scope of Remediation:** Area of Concern: Groundwater (as described by CEA 100167705 and Ground Water Remedial Action Permit # RAP210001), and no other areas

**Case Name:** Hoffmann-La Roche Inc.

**Address:** 340 Kingsland Street

**Municipality:** Nutley Township

**County:** Essex

**Essex County, Nutley Township Blocks and Lots**

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 Blocks and Lots**

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

**Preferred IDs:** 009949

**Well Permit #:** See last page of this letter

Dear Mr. Patel:

As a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey, I hereby issue this Response Action Outcome for the remediation of the areas of concern specifically referenced above. I personally reviewed and accepted all of the referenced remediation and based upon this work, it is my professional opinion that this remediation has been completed in compliance with the Administrative Requirements for the Remediation of Contaminated Sites (N.J.A.C. 7:26C), that is protective of public health, safety, and the environment. Also, full payment has been made for all Department fees and oversight costs pursuant to N.J.A.C. 7:26C-4.

This remediation includes the completion of a Preliminary Assessment, Site Investigation, Remedial Investigation and Remedial Action as defined pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E),

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My decision in this matter is made upon the exercise of reasonable care and diligence and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals in good standing practicing in the State at the time these professional services are performed.

As required pursuant to N.J.A.C. 7:26C-6.2(b)2ii, a copy of all records related to the remediation that occurred at this location is being simultaneously filed with the New Jersey Department of Environmental Protection (Department). These records contain all information upon which I based my decision to issue this Response Action Outcome.

By operation of law a Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.2 applies to this remediation. The Covenant Not to Sue is subject to any conditions and limitations contained herein. The Covenant Not to Sue remains effective only as long as the real property referenced above continues to meet the conditions of this Response Action Outcome and applicable permits.

## CONDITIONS

Pursuant to N.J.S.A. 58:10B-12o, **Hoffmann-La Roche Inc.** and any other person who is liable for the cleanup and removal costs, and remains liable pursuant to the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq. shall inform the Department in writing, on a form available from the Department, within 14 calendar days after its name or address changes. Any notices you submit pursuant to this paragraph shall reference the above case numbers and shall be sent to:

New Jersey Department of Environmental Protection  
Bureau of Case Assignment and Initial Notice  
Mail Code 401-05H  
401 East State Street, 5th floor  
PO Box 420  
Trenton, New Jersey 08625-0420

Any such name or address change may also trigger a transfer or modification of the remedial action permit pursuant to N.J.A.C. 7:26C-7.11 and 7.12.

Based on my professional opinion you have obtained all applicable permits and authorizations to ensure this remedial action remains protective of public health, safety, and the environment into the future provided that you, and any other persons responsible for conducting remediation, remain in full compliance with the terms and conditions of those permits and authorizations. The designated remedial action permit number is RAP210001 effective November 2, 2022.

## NOTICES

### Well Decommissioning

Pursuant to N.J.A.C. 7:9D-3 any wells installed as part of this remediation that will no longer be used for remediation have been properly decommissioned by a New Jersey licensed driller of the

proper class and I have verified that the well driller's well decommissioning report has been submitted to the Bureau of Water Allocation and Well Permitting. Wells considered to be abandoned, lost, damaged, or destroyed pursuant to N.J.A.C. 7:9D have been reported to the Bureau of Water Allocation and Well Permitting pursuant to N.J.A.C. 7:9D. Pursuant to N.J.S.A. 58:4A, any monitoring wells remaining onsite shall be properly decommissioned prior to the termination of the applicable remedial action permit. A New Jersey licensed well driller shall decommission the well(s) in accordance with the requirements of N.J.A.C. 7:9D-3 and submit the decommissioning report on your behalf to the Bureau of Water Allocation and Well Permitting. More information about regulations regarding the maintenance and decommissioning of wells in New Jersey can be found at [www.nj.gov/dep/watersupply](http://www.nj.gov/dep/watersupply). For a list of New Jersey licensed well drillers, click on the "reports" button in the left column and select "access the well permit reports." Questions can be emailed to [wellpermitting@dep.nj.gov](mailto:wellpermitting@dep.nj.gov).

#### Building Interiors Not Addressed (Non-Child Care)

Please be advised that the remediation that is covered by this Response Action Outcome does not address the remediation of hazardous substances that may exist in building interiors or equipment, including, but not limited to, radon, asbestos, and lead. As a result, any risks to human health presented by any building interior or equipment remains. A complete building interior evaluation should be completed before any change in use or re-occupancy is considered.

#### Existing Classification Exception Area or Deed Notice from Prior Remediations

Please be advised that this Response Action Outcome does not address the contamination at this site covered under the *Deed Notice* for the case covered under Department Program Interest # 009949, 625447, and 614465.

#### Contamination Remains On-Site due to Off-site Contamination

Please be advised that contamination in the ground water at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C-1.7) which may limit ground water use at this site. Based on completion of a preliminary assessment and site investigation, pursuant to N.J.A.C. 7:26E-3, and completion of a background investigation pursuant to N.J.A.C. 7:26E-3.9, there is no onsite contribution to this contamination and I have confirmed the source of this contamination is from offsite. This aspect of the site was reported to the Department and assigned the Department's Hotline incident numbers 15-06-11-1108-08 (Eastern Plume), 16-06-24-1912-29 (CAMS North Plume), 14-03-31-1024-19 (Briad), 92-02-06-1315-26 (Sunoco), 14-01-08-1157-33 (Sunoco), and 20-09-17-1734-16 (Deluxe). Any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination.

#### Known Onsite Contamination Source Not Yet Remediated

This Response Action Outcome specifically does not address the Per- and Polyfluoroalkyl Substances (PFAS) ground water contamination or any ground water contamination associated with MW-28 LNAPL AOC. This aspect of this site was reported to the Department and assigned the Department's Hotline incident numbers 2021-10-14-1322-14 and 20-11-20-1335-00, respectively. Please note that you may have an affirmative obligation, pursuant to the Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-1.3, to remediate the remaining

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contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

In concluding that this remediation has been completed, I am offering no opinions concerning whether either primary restoration (restoring natural resources to their pre-discharge condition) or compensatory restoration (compensating the citizens of New Jersey for the lost interim value of the natural resources) has been completed.

Pursuant to N.J.S.A. 58:10C-25, the Department may audit this Response Action Outcome and associated documentation up to three years following issuance. Based on a finding by the Department that a Response Action Outcome is not protective of public health, safety and the environment, the Department can invalidate the Response Action Outcome. Other justifications for the Department's invalidation of this Response Action Outcome are listed in the Administrative Requirements for the Remediation of Contaminated Sites at N.J.A.C. 7:26C-6, including, but not limited to, a Department audit following issuance of this document may be initiated at any time if: a) undiscovered contamination is found that was not addressed by the Response Action Outcome, b) if the Site Remediation Professional Licensing Board conducts an investigation of the Licensed Site Remediation Professional issuing the Response Action Outcome or, c) if the license of that person is suspended or revoked.

Thank you for your attention to these matters. If you have any questions, please contact me at (908) 988-1710 or [RHollender@trccompanies.com](mailto:RHollender@trccompanies.com).

Sincerely,



Rebecca K. Hollender, PG, LSRP  
Licensed Site Remediation Professional #585022  
TRC Environmental Corporation

- c: Mr. John E. Biegel, III, City of Clifton Health Officer, [jbiegel@cliftonnj.org](mailto:jbiegel@cliftonnj.org)
- Mr. Robert De Bello, Jr., Township of Nutley Environmental Health Specialist, [rdebellojr@nutleynj.org](mailto:rdebellojr@nutleynj.org)
- Dr. Charlene W. Gungil, Passaic County Health Officer and Director, [charleneg@passaiccountynj.org](mailto:charleneg@passaiccountynj.org)
- Ms. Maya Lordo, Essex County Health Officer and Director, [mlordo@dchs.essexcountynj.org](mailto:mlordo@dchs.essexcountynj.org)
- Ms. Nancy Ferrigno, Municipal Clerk, City of Clifton, [nferrigno@cliftonnj.org](mailto:nferrigno@cliftonnj.org)
- Ms. Eleni Pettas, RMC, CMC, Municipal Clerk, Township of Nutley, [epettas@nutleynj.org](mailto:epettas@nutleynj.org)
- NJDEP Bureau of Case Assignment and Initial Notice, [srp\\_submissions@dep.nj.gov](mailto:srp_submissions@dep.nj.gov)
- Mr. Ashish Joshi, NJDEP Bureau of Case Management, [Ashish.Joshi@dep.nj.gov](mailto:Ashish.Joshi@dep.nj.gov)

**Well Permit #s:**

E202010338, E201305798, E201501062, E201903466, E201113727, E201416041, E201415879, E201510907, E201510908, 2600051883, E201401692, E202010337, E201401095, E201510845, E201510846, E201409766, E201405729, E201415873, E201415860, E201903468, E201610167, E201306020, E201304931, E201300242, E201300243, E201300227, E201300228, E201412451, E201402656, E201300231, E201300232, E201301078, E201301431, E201314457, E201315239, E201402655, E201402669, E201402668, E201315491, E201402670, E201217456, E201402664, E201315493, E201402878, E201318587, E201315585, E201401464, E201318598, E201402654, E201315235, E201400890, E201401595, E201400995, E201402679, E201402680, E201218158, E201402663, E201402658, E201402657, E201410074, E201407799, E201409402, E201306325, E201306324, E201413312, E201413476, E201500412, E201509857, E201509856, E201218159, E201218160, E201301046, E201613409, E201613407, E201411635, E201305678, E201305675, E201305674, E201217453, E201217458, E201217463, E201217454, E201509285, E201507919, E201507920, E201507921, P200804386, P200804398, P200804389, P200804399, P200804390, P200804400, E201412398, P200910160, E201403604, E201311393, P200910157, E201308748, E201000869, E201012851, E201405728, E201113439, E201403623, E201403624, E201115791, E201403608, E201412330, E201204688, E201204689, E201306327, E201306326, E201207238, E201207239, 2600051888, 2600012044, E201306954, E201307651, E201307673, E201306956, E201303564, E201216675, E201303451, E201306049, E201411640, E201411639, E201304823, E201304512, E201302486, E201304515, E201304516, E201302495, E201306459, E201306460, E201311462, E201311466, E201311468, E201312148, E201311480, E201311204, E201311207, E201313503, E201311482, E201315813, E201312196, E201312197, E201311727, E201315220, E201312547, 2600036932, E201316485, E201316278, E201316279, E201315392, E201314458, E201310429, E201403642, E201318473, E201403229, E201318470, E201318471, E201318472, E201400817, E201318590, E201401593, E201401594, E201401596, E201404694, E201404618, E201404615, E201401462, E201401463, E201404620, E201404621, E201404622, E201405043, E201403620, E201403621, E201403622, E201403944, E201404289, E201511978, E201216676, E201510844, E201407735, E201407806, E201408235, E201408236, E201409431, E201501296, E201501297, E201501299, E201412402, E201502842, E201502843, E201414287, E201414288, E201414289, E201414290, E201414291, E201500786, E201500787, E201415541, E201501198, E201501197, E201501192, 2600054720, 2600054721, E201304514, E201302491, E201509739, E201509602, 2600060830, E201511555, E201511552, E201514806, E201701479, 2600068227, E201316488



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

Note: The Case Inventory Document (CID) must be submitted in final form with all RAO submissions. The CID must identify all Areas of Concern (AOCs) associated with the RAO.

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc.

Program Interest (PI) Number(s): 009949, 025447, 014465

Case Tracking Number(s) for this submission: NJD002191211

This form must be attached to the Cover/Certification Form

All Oversight Invoices and Annual Remediation Fees are Paid in Full.

SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME

1. Indicate the extent of remediation covered by the Response Action Outcome.

Check only 1 box:

- Unrestricted RAO
Limited Restricted RAO
Restricted RAO

2. Check only 1 box:

- Area(s) of Concern Only
Entire Site
ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 4

4. Total number of contaminated AOCs addressed in this submission: 2

5. Are there any outstanding contaminated AOCs associated with the case where an RAO has not been filed? Yes No

6. Does this RAO address a discharge/release from a federally regulated UST? Yes No

SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS

- Was the RAO issued only to the Person(s) that conducted the Remediation? Yes No
Does the language in the issued RAO document conform to the RAO shell document? Yes No
Were all the applicable individuals/agencies noted in the shell document copied on the RAO? Yes No
Are there electronic copies of all remediation related records included with this submission? Yes No
Did the remedial action render the property unusable for future redevelopment or recreation use? Yes No
Have any NJDEP-documented deficiencies been addressed in this or prior submission? Yes No N/A

SECTION D. RESPONSE ACTION OUTCOME NOTICES (check all the apply and were used in the RAO document)

1. General Notices

- Well Decommissioning
Building Interiors Not Addressed (Non-Child Care)
Building Interiors Addressed

## 2. Contamination Remaining Onsite

- Regional Natural Background Levels (above Direct Contact Standards) of Materials in Soil
- Existing Classification Exception Area or Deed Notice from Prior Remediations
- Soils Only RAO when Ground Water Contamination remains from that Area(s) of Concern or Site
- Ground Water Contamination Not Yet Investigated
- Ground Water Contamination Due to Regional Historic Fill
- Contamination Remaining Onsite Due to Off-site Contamination
- Known Onsite Contamination Source Not Yet Remediated
- Order of Magnitude Change to a Remediation Standard after approval of a Remedial Action Workplan
- Order of Magnitude Change to a Remediation Standard after Approval of a Final Remediation Document

## 3. ISRA Specific Notices

- ISRA Specific – RCRA Situations - Bureau of Case Assignment and Initial Notice Referral
- ISRA Specific – Multi-Tenant Situations - Bureau of Case Assignment and Initial Notice Referral
- ISRA Specific – Landfill Situations - Bureau of Case Assignment and Initial Notice Referral

## 4. Additions to Model Document

- In-Service Railroad Line, Spurs and Sidings Not Remediated
- Known Onsite Contamination Source Not Remediated - Historic Fill (RAO-A)
- Soil Contamination From an Off-Site Source Not Remediated- General
- Soil Contamination From an Off-Site Source Not Remediated - Diffuse Anthropogenic Pollution
- Naturally Occurring Levels of Constituents in Ground Water
- Historically Applied Pesticides not Addressed

## SECTION E. REMEDIATION FUNDING SOURCE

1. Has a Remediation Funding Source been posted for this site pursuant to N.J.A.C. 7:26C-5? ....  Yes     No

If "Yes, check a. or b. below as applicable:

- a.  This RAO is for the entire site and serves as notice to the NJDEP to return the Remediation Funding Source posted for this site\*.
- b.  This RAO is for an Area of Concern only and (check one below):
  - Serves as notice to the NJDEP to decrease the Remediation Funding Source posted for this site\*.
  - No adjustments to the Remediation Funding Source are requested at this time.

**Note:** If any box in a. or b. above identified with an asterisk (\*) is checked, be sure to include the completed "Remediation Cost Review and RFS-FA Form" available at <http://nj.gov/dep/srp/srra/forms>.



**New Jersey Department of Environmental Protection**  
 Site Remediation and Waste Management Program

**COVER/CERTIFICATION FORM**

(Submit with Remedial Phase Report, Receptor Evaluation, and CEA Forms)

Date Stamp  
(For Department use only)

**SECTION A. SITE INFORMATION**

Site Name: Hoffmann-La Roche Inc.

AKAs: \_\_\_\_\_

Street Address: 340 Kingsland Street

Municipality: Nutley (Township, Borough or City)

County: Essex Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949, ~~825447, 614465~~

Case Tracking Number(s) for this submission: \_\_\_\_\_

Date Remediation Initiated Pursuant to N.J.A.C. 7:26C-2: \_\_\_\_\_

State Plane Coordinates for a central location at the site: Easting: 587196 Northing: 729465

List current Municipal Block and Lot Numbers of the Site: (see Attachment 1)

Block # _____	Lot #(s) _____	Block # _____	Lot #(s) _____
Block # _____	Lot #(s) _____	Block # _____	Lot #(s) _____
Block # _____	Lot #(s) _____	Block # _____	Lot #(s) _____
Block # _____	Lot #(s) _____	Block # _____	Lot #(s) _____

**SECTION B. SUBMISSION STATUS**

1. Indicate how the Electronic Data Deliverable (EDD) for this submission is being provided to the NJDEP:

- Via Email at [srpedd@dep.nj.gov](mailto:srpedd@dep.nj.gov) (attach NJDEP confirmation email); or
- CD (attach to this submission)
- Not Applicable – No EDD

2. Complete the following Submission and Permit Status Table:

Remedial Phase Documents	N/A	Included in this Submission	Previously Submitted	Date of Submission	Date of Revised Submission	Date of Previous NJDEP Approval	Date of Document Withdrawal
Preliminary Assessment Report	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	06/17/1998		11/09/1998	
Site Investigation Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Remedial Investigation Report	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/02/2014		02/04/2016	
Remedial Action Work Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	02/15/2019	12/16/2019	08/20/2020	
Remedial Action Report	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11/08/2021			
Response Action Outcome	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/02/2022			
<b>Other Submissions</b>							
Alternative Soil Remediation Standard and/or Screening level Application Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Case Inventory Document		<input checked="" type="checkbox"/>		12/02/2022			
Classification Exception Area / Well Restriction Area (CEA/WRA)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/02/2020	06/04/2021	01/05/2021	
Discharge to Ground Water Permit by Rule Authorization Request	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	(see Attachment 2)			



IEC Engineered System Response Action Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Immediate Environmental Concern Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
LNAPL Interim Remedial Measure Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Public Notification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	08/17/2009	06/11/2021		
Receptor Evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	02/11/2011	07/02/2018	05/06/2021	12/22/2021
Technical Impracticability Determination	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/29/2020		08/20/2020	
Vapor Concern Mitigation Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Permit Application – list:	<input checked="" type="checkbox"/>						
RAP180001 (supersedes RAP 170001)		<input type="checkbox"/>	<input type="checkbox"/>				
See Attachment 2		<input type="checkbox"/>	<input type="checkbox"/>				
RAP210001 (GW RAP)		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
Radionuclide Remedial Action Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Radionuclide Remedial Action Workplan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Radionuclide Remedial Investigation Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Radionuclide Remedial Investigation Workplan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

**SECTION C. SITE USE**

**Current Site Use:** (check all that apply)

- Industrial
- Residential
- Commercial
- School or child care
- Other: \_\_\_\_\_
- Agricultural
- Park or recreational use
- Vacant
- Government

**Intended Future Site Use, if known:** (check all that apply)

- Industrial
- Residential
- Commercial
- School or child care
- Other: Mixed Use
- Park or recreational use
- Vacant
- Government
- Future site use unknown

**SECTION D. CASE TYPE:** (check all that apply)

- Administrative Consent Order (ACO)
- Brownfield Development Area (BDA)
- Child Care Facility
- Chrome Site (Chromate chemical production waste)
- Coal Gas
- Due Diligence with RAO
- Hazardous Discharge Remediation Fund (HDSRF) Grant/Loan
- ISRA
- Landfill (SRP subject only)
- Regulated Underground Storage Tank (UST)
- Remediation Agreement (RA)/Remediation Certification
- School Development Authority (SDA)
- School facility
- Spill Act Defense – Government Entity
- Spill Act Discharge
- UST Grant/Loan
- Other: \_\_\_\_\_

**Federal Case** (check all that apply)

- RCRA GPRA 2020
- CERCLA/NPL
- USDOD
- USDOE

1. Is the party conducting remediation a government entity? .....  Yes  No  
 If "Yes," check one:  Federal  State  Municipal  County

**SECTION E. PUBLIC FUNDS**

Did the remediation utilize public funds? .....  Yes  No

If "Yes," check applicable:

- UST Grant
- HDSRF Grant
- Spill Fund
- UST Loan
- HDSRF Loan
- Schools Development Authority
- Brownfield Reimbursement Program
- Landfill Reimbursement Program
- Environmental Infrastructure Trust

**SECTION F. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENT**

LSRP ID Number: 585022

First Name: Rebecca Last Name: Hollender

Phone Numbers: (908) 988-1710 Ext.: \_\_\_\_\_ Fax: (908) 464-3712

Mailing Address: 41 Spring Street, Suite 102

Municipality: New Providence State: New Jersey Zip Code: 07974

Email Address: rhollender@trccompanies.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

(1) *I certify, as a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C-1 et seq. to conduct business in New Jersey, that for the remediation described in this submission, and all attachments included in this submission, I personally: Managed, supervised, or performed the remediation conducted at this site that is described in this submission, and all attachments included in this submission; and/or periodically reviewed and evaluated the work performed by other persons that forms the basis for the information in this submission; and/or completed the work of another site remediation professional, licensed or not, after having: (1) reviewed all available documentation on which I relied; (2) conducted a site visit and observed the then-current conditions and verified the status of as much of the work as was reasonably observable; and (3) concluded, in the exercise of my independent professional judgment, that there was sufficient information upon which to complete any additional phase of remediation and prepare workplans and reports related thereto.*

(2) *I certify:*

- *That I have read this submission and all attachments to this submission;*
- *That in performing the professional services as the licensed site remediation professional for the entire site or each area of concern, I adhered to the professional conduct standards and requirements governing licensed site remediation professionals provided in N.J.S.A. 58:10C-16;*
- *That the remediation conducted at the entire site or each area of concern, that is described in this submission and all attachments to this submission, was conducted pursuant to and in compliance with the remediation requirements in N.J.S.A. 58:10C-14.c;*
- *That the remediation described in this submission, and all attachments to this submission, was conducted pursuant to and in compliance with the regulations of the Site Remediation Professional Licensing Board at N.J.A.C. 7:26I; and*
- *That the information contained in this submission and all attachments to this submission is true, accurate, and complete.*

(3) *I certify, when this submission includes a response action outcome, that the entire site or each area of concern has been remediated in compliance with all applicable statutes, rules, and regulations and is protective of public health and safety and the environment.*

(4) *I certify that no other person is authorized or able to use any password, encryption method, or electronic signature that the Board or the Department have provided to me.*

(5) *I certify that I understand and acknowledge that:*

- *If I knowingly make a false statement, representation, or certification in any document or information I submit to the Department I may be subject to civil and administrative enforcement pursuant to N.J.S.A. 58:10C-17.a.1(a)through (f) by the Board, including but not limited to license suspension, revocation, or denial of renewal; and*
- *If I purposely, knowingly, or recklessly make a false statement, representation, or certification in any application, form, record, document or other information submitted to the Department or required to be maintained pursuant to the Site Remediation Reform Act, I shall be guilty, upon conviction, of a crime of the third degree and shall, notwithstanding the provisions of subsection b. of N.J.S.2C:43-3, be subject to a fine of not less than \$5,000 nor more than \$75,000 per day of violation, or by imprisonment, or both.*

(6) *I certify that I have read this certification prior to signing, certifying, and making this submission.*

LSRP Signature:  \_\_\_\_\_

Date: 12/9/2022

LSRP Name: Rebecca K. Hollender

Company Name: TRC Environmental

**SECTION G. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION**

Full Legal Name of the Person Responsible for Conducting the Remediation: Hoffmann-La Roche Inc.

Representative First Name: Chandra Representative Last Name: Patel

Title: Director Site EH&S and Nutley Safety and Environmental Officer

Phone Number: (973) 407-9708 Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

Mailing Address: 150 Clove Road, 8th Floor, Suite 8

Municipality: Little Falls State: New Jersey Zip code: 07424

Email Address: chandra\_c.patel@roche.com

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

*I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.*

Signature:  Date: 12/9/2022

Name/Title: Chandra Patel /Dir. Site EH&S and Nutley Safety and Envir. Officer

**For CEA Submissions:**

Check this box if the person above is also the property owner of the site or their representative. If this person is not the site property owner, please ensure the site property owner's name and address is in the first line of the table in Section E.2 of the Classification Exception Area / Well Restriction Area (CEA/WRA) Fact Sheet Form.

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice  
Site Remediation Program  
NJ Department of Environmental Protection  
401-05H  
PO Box 420  
Trenton, NJ 08625-0420

**Attachment 1**  
**Municipal Blocks and Lots**  
**Former Hoffmann-La Roche Inc. Facility**  
**Nutley, New Jersey**

<b>Municipality and County</b>	<b>Block</b>	<b>Lot(s)</b>
Township of Nutley, Essex County	102	2
	200	1, 2, 3, 4, 5, 6, 24
	201	1, 1.01, 1.02, 1.03
	300	1, 1.01, 1.02, 1.03, 1.04, 1.05, 1.06, 1.07
	2000	1, 4, 5
	2101	1
City of Clifton, Passaic County	79.04	10, 21
	80.02	1.01, 1.02, 1.03, 1.04, 1.05, 4.01, 4.02, 4.03, 4.05, 4.07, 4.08, 4.1, 4.11

**ATTACHMENT 2**  
**SECTION 2. COVER/CERTIFICATION FORM**  
**Submission and Permit Status Table**

IA	Discharge to Ground Water Permit by Rule Authorization Request	Date of Submission	Date of Revised Submission	Date of Previous NJDEP Approval	Date of Document Withdrawal
11	IA-11 Bedrock Pilot Test Bedrock Discharge Ground Water Permit-by-Rule Application	July 3, 2014		July 16, 2014	
10	Discharge to Ground Water Permit-by-Rule Application for Enhanced In-Situ Biogradation IA-10 Building 70 - IRM	August 1, 2014		August 14, 2014	
12	IA-12 In-Well Air Stripping, Ozone Sparging, and Sodium Persulfate Injection Pilot Test Discharge to Groundwater Permit-By-Rule Application	September 3, 2014		September 16, 2014	
12	IA-12 In-Situ Thermal Discharge to Groundwater Permit-By-Rule Application	December 19, 2014		January 5, 2015	
9	Discharge to Ground Water Permit-by-Rule Application - IA- 9 Daramend and OBC	February 2, 2015		February 23, 2015	
3 & 7	Investigative Area (IA) 3/IA-7/CAMS Enhanced In-situ Bioremediation with In-well Air Stripping Pilot Test	February 3, 2015		February 23, 2015	
1	Investigative Area (IA) 1 - Building 55 Area Discharge to Ground Water Permit-by-Rule Application Enhanced In-Situ Biodegradation	February 23, 2015	January 10, 2017	March 3, 2015	
10	Investigative Area (IA) 10 - Building 104 Area Discharge to Ground Water Permit - by - Rule Application Enhanced In-Situ Biodegradation	March 13, 2015		March 18, 2015	
2	IA-2 In-Situ Thermal Treatment Discharge to Groundwater Permit-by-Rule Application	May 12, 2015		May 19, 2015	
1, 4, 6, 12	IA-1/4, IA-6, and IA-12 Ozone Sparging and Sodium Persulfate Injection Discharge to Groundwater Permit By Rule Application	June 26, 2015	September 20, 2017; July 10,2018	August 13, 2015	
10	IA-10 North Short-Term Water Diversion	August 28, 2015		--	
12	IA-12 Aquifer Pumping and ReInjection Test and IRM - Discharge to Groundwater Permit-by-Rule Application	December 2, 2015		December 22, 2015	
11	IA-11 West for Excavation for IRM (Bioremediation and Chemical Reduction)	September 13, 2016		October 12, 2016	
3 & 7	IA-3/7/CAMS Amendment and Nitrogen Injection for Groundwater Interim Remedial Measure Discharge to Groundwater Permit-by-Rule Authorization Request	October 21, 2016		December 12, 2016	
2	IA-2 In-Situ Chemical Oxidation Discharge to Groundwater Permit-by-Rule Application	October 24, 2017		December 5, 2017	
IA-6	IA-6 Enhanced In-Situ Bioremediation Injection Discharge to Groundwater Permit-by-Rule Application Injection Discharge to GW PBR	May 1, 2018		May 17, 2018	

Case Name Hoffmann-La Roche Inc.  
 PI #: 009949  
 Activity #: RPC070001

**IMPORTANT:** 1) The CID must be **FINALIZED** prior to upload. After the CID has been populated, click the **Validate for Upload** button and follow the instructions.  
 2) You **MUST SAVE** after finalizing, and before upload. Click the **Enable for Editing** button after uploading to edit again.

Case Inventory Document Version 1.5.1 02/04/21

AOC ID	AOC Type	AOC Description	Confirmed Contamination	Exclude AOC from Billing	AOC Status Achieved	Status Achieved Date	Incident Communication Center #s Managed in Case	NJDEP ID	Contaminated Media	Contaminants of Concern	Additional Contaminants of Concern	Additional Contaminants of Concern	Applicable Remediation Standard	Exposure Route	Additional Exposure Route	RA Type	Additional RA Type	Was an Order of Magnitude Evaluation Conducted?	Activity
Remedial Action Plumes	Environmental media - Media Ground water	Six groundwater plumes associated with on-Site releases of contaminants.	Yes		RAO-AOC (Limited Restricted Use)	12/02/2022			Ground Water	VO			Remediation Standards	Ground Water		Other (specify in Activity column)	Monitored Natural Attenuation	N/A	This Area of Concern (AOC) is comprised of six plumes emanating from on-Site releases (Investigative Area [IA]-2 Tank Farm Plume, IA-6 Chlorobenzene Plume, IA-9 Pipe Trench Area Plume, IA-10 Building 70 Area Plume, IA-10 Building 104 Plume, and IA-14 Dioxane Plume, i.e., "Remedial Action Plumes"). Interim Remedial Measures (IRMs) were implemented to address source areas for these six plumes. Following the cessation of the IRMs, a post-remediation monitoring program was completed between March 2019 and December 2020 to assess the efficacy of the remediation and to demonstrate that Monitored Natural Attenuation (MNA) is the appropriate long-term remedy. Contaminant concentrations in the IA-10 Building 70 Area Plume have declined to levels below the GWQS. As detailed in the November 8, 2021 Groundwater Remedial Action Report (GWRAR), the post-remediation monitoring program demonstrated that MNA is an appropriate long-term remedy for the Remedial Action Plumes. These plumes are included in the Classification Exception Area (CEA #100167705) established for the Site. Wells associated with the Remedial Action Plumes are included in the Long-Term Monitoring Program described in the Remedial Action Permit (RAP #RAP210001), which was issued by NJDEP on 10/27/22. This AOC is included in the Response Action Outcome issued by the LSRP in December 2022.
Monitored Plumes	Environmental media - Media Ground water	Ten groundwater plumes that either originate from off-site sources or are attributable to historical releases from breaches in the Clifton-Allwood Municipal Sewer (CAMS).	Yes	Yes	RAO-AOC (Limited Restricted Use)	12/02/2022			Ground Water	VO			Remediation Standards	Ground Water		Monitored Natural Attenuation		N/A	This Area of Concern (AOC) consists of six plumes with off-Site origins as well as the four plumes originating from the Clifton Allwood Municipal Sewer (CAMS), referred to collectively as the "Monitored Plumes". Interim Remedial Measures (IRMs) were implemented to address the CAMS plumes. Roche has agreed to monitor these plumes and included them in the Classification Exception Area (CEA #100167705) established for the Site. Wells associated with the Monitored Plumes are included in the Long-Term Monitoring Program described in the Remedial Action Permit (RAP #RAP210001), which was issued by NJDEP on 10/27/22. This AOC is included in the Response Action Outcome issued by the LSRP in December 2022.