



41 Spring Street
New Providence, NJ 07974



908.988.1700 PHONE
973.564.6442 FAX

www.trcsolutions.com

June 22, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Avenue, Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-1/5 - Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Areas 1&5 (IA-1/5)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) **Lot:** 1

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area 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).

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.

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

NOTICES

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
June 22, 2016
Page 4

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 Licensed Site Remediation Professional 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) 988-1617.

Sincerely,

TRC Environmental Corp.



Andrew Drotleff, LSRP
Licensed Site Remediation Professional # 586489

- c:
- John Biegel, III, Health Officer, City of Clifton
 - Thomas Restaino, Health Officer, Township of Nutley
 - Susan Portuese, Health Officer, Township of Nutley
 - Frank J. Del Gaudio, SASHE, Health Officer, Essex County
 - Mayor James Anzaldi, City of Clifton
 - Mayor Dr. Joseph P. Scarpelli, Township of Nutley
 - City Clerk, Nancy Ferrigno, City of Clifton
 - Township Clerk, Eleni Pettas, Township of Nutley
 - Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Areas 1&5 (IA-1/5) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Areas 1&5 (IA-1/5) - Soils

Report Date: 06/22/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 562-2210

Ext:

Fax: (973) 562-3977

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 586489First Name: AndrewLast Name: DrotleffPhone Number: (908) 988-1617

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: adrotleff@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: _____

06/22/10LSRP Name/Title: Andrew Drotleff/LSRP, Sr. ScientistCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Areas 1&5 (IA-1/5) - Soils

Program Interest (PI) Number(s): 009949

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 **Includes all soils in IA-1/5**
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 7 **IA-1/5 soils only**

4. Total number of contaminated AOCs addressed in this submission: 7 **IA-1/5 soils only**

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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>.



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June 22, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Avenue, Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-2 including AOC 145 (Former Building 30) -
Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Area 2 (IA-2)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) **Lot:** 1

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area 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).

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.

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

NOTICES

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
June 22, 2016
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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 Licensed Site Remediation Professional 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) 988-1617.

Sincerely,

TRC Environmental Corp.



Andrew Drotleff, LSRP
Licensed Site Remediation Professional # 586489

c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 2 (IA-2) including AOC 145 (Former Building 30) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 2 (IA-2) including AOC 145 (Former Building 30) - Soils

Report Date: 06/22/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 562-2210

Ext:

Fax: (973) 562-3977

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 586489First Name: AndrewLast Name: DrotleffPhone Number: (908) 988-1617

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: adrotleff@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 06/22/16LSRP Name/Title: Andrew Drotleff/Sr. Scientist, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 2 (IA-2) including AOC 145 (Former Building 30) - Soils

Program Interest (PI) Number(s): 009949

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 **All soils in IA-2, including AOC 145
(Former Building 30)**
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 9

IA-2 soils only

4. Total number of contaminated AOCs addressed in this submission: 9

IA-2 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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>.



41 Spring Street
New Providence, NJ 07974

908.988.1700 PHONE
973.564.6442 FAX

www.trcsolutions.com

June 22, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-3 Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Area 3 (IA-3)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) **Lot:** 4

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area of concern* specifically referenced above. I directly oversaw and supervised all of the referenced remediation and 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).

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.

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

NOTICES

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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.

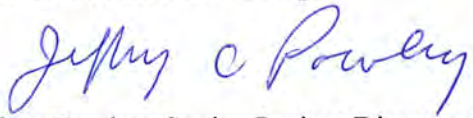
Pursuant to N.J.S.A. 58:10C-25, the Department may audit this Response Action Outcome and associated documentation up to three years following issuance. Based on a finding by the Department that a Response Action Outcome is not protective of public health, safety and the environment, the Department can 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 Licensed Site Remediation Professional 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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
June 22, 2016
Page 4

Thank you for your attention to these matters. If you have any questions, please contact me at (978)970-5600.

Sincerely,

TRC Environmental Corp.



Jeffrey Powley, Senior Project Director, LSRP
Licensed Site Remediation Professional # 584746

- c: John Biegel, III, Health Officer, City of Clifton
 Thomas Restaino, Health Officer, Township of Nutley
 Susan Portuese, Health Officer, Township of Nutley
 Frank J. Del Gaudio, SASHE, Health Officer, Essex County
 Mayor James Anzaldi, City of Clifton
 Mayor Dr. Joseph P. Scarpelli, Township of Nutley
 City Clerk, Nancy Ferrigno, City of Clifton
 Township Clerk, Eleni Pettas, Township of Nutley
 Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 3 (IA-3) - Soils
List All AKAs: Roche
Street Address: 340 Kingsland Street
Municipality: Nutley (Township Borough or City)
County: Essex Zip Code: 07110-1199
Program Interest (PI) Number(s): 009949 Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 3 (IA-3) - Soils

Report Date: 06/22/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020 ☐ CERCLA/NPL ☐ USDOD ☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 562-2210 Ext: Fax: (973) 562-3977

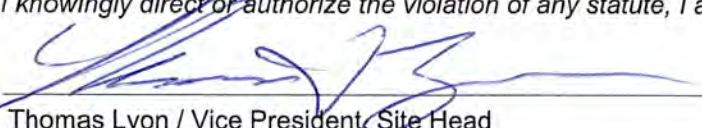
Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley State: New Jersey Zip Code: 07110

Email Address: tom.lyon@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: 
Name/Title: Thomas Lyon / Vice President, Site Head

Date: 6/22/16

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 584746First Name: JeffreyLast Name: PowleyPhone Number: (908) 988-1661

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: jpowley@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☒ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

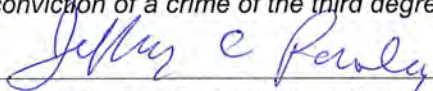
I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____



Date: _____

6/22/2016LSRP Name/Title: Jeffrey Powley/Senior Project Director, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 3 (IA-3) - Soils

Program Interest (PI) Number(s): 009949

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 **All soils in IA-3**
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 15

IA-3 soils only

4. Total number of contaminated AOCs addressed in this submission: 15

IA-3 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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
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- ☐ 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>.



41 Spring Street, Suite 102
New Providence, NJ 07974



908.988.1700 PHONE
908.464.3712 FAX

www.trcsolutions.com

March 28, 2017

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Restricted Use with Permit Requirements

Scope of Remediation: Area(s) of Concern: Investigative Area 4 (IA-4) Soils.

AOC 8a – Building 39, Fuel Oil and Diesel Fuel USTs (E-15 through E-20);

AOC 8b – Building 39, Fuel Oil USTs (E-49 through E-52, E-100);

AOC 9 – Former Building 43, No. 2 Fuel Oil UST;

AOC 38 – Former Building 44, W Dumpster Storage Area;

AOC 39 – Former Building 44, W Drum Storage Area;

AOC 40 – Former Building 45, NE Dumpster Storage Area;

AOC 41 – Former Building 45, N Raw Materials Storage Area;

AOC 51 – Former Building 42, W Hazardous Waste Drum Storage Area;

AOC 52 – Building 39, W Waste Oil Drum Storage Area;

AOC 68 – Building 39, N Transformer;

AOC 69 – Building 39, S Former Transformers;

AOC 90 – Former Building 44, W ASTs;

AOC 91 – Former Building 44, N ASTs;

AOC 92 – Former Building 44, E ASTs;

AOC 105 – Building 61, Pump House and Piping;

AOC 113 – Former Incinerator;

AOC 114 – Former Building 43 Incinerator;

AOC 128 – Former Building 72 (Fill House) and Railroad Spurs;

AOC 137 – Former Tank Storage Area North of Building 36;

AOC 142 – Building 44 Footprint;

AOC 143 – Building 45 Footprint;

IA-Wide – Historic Fill Material no other areas.

Case Name: Hoffmann-La Roche Inc. - Investigative Area 4 (IA-4)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 2

Block: 80.02 (in Clifton) **Lots:** 1.01 (former Lot 1) & 3
Preferred ID: 009949
Case Tracking Number # NJD002191211
ISRA Transaction: Cessation of Operations and Sale of Property
ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area(s) of concern* specifically referenced above. I directly oversaw and supervised all of the referenced remediation and/or 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).

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 permit(s) and authorization(s) 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 permit(s) and authorization(s). The designated remedial action permit number is RAP170001 effective March 21, 2017.

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. If any wells have been properly decommissioned, the well driller's well decommissioning report has been submitted to the Bureau of Water Allocation and Well Permitting. 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. 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.state.nj.us.

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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

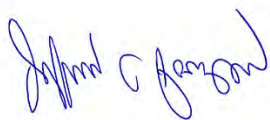
Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 5

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 Licensed Site Remediation Professional 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) 988-1661.

Sincerely,

TRC Environmental Corp.



Jeffrey C. Powley, Senior Project Director, PG, LSRP
Licensed Site Remediation Professional # 584746

- c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP
Eugene Diaz, Manager/Member, PB Nutclif Master LLC

Nutley Site Remediation
Project No. S153.29215
TRC Project No. 105009-198233

Soil Response Action Outcome
Investigative Area 4 (IA-4) Soils

NJDEP Required Forms

Traditional Oversight Report Certification Form
Response Action Outcome Form

Prepared for:

Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110-1199

Prepared by:

TRC Environmental Corporation
41 Spring Street, Suite 102
New Providence, NJ 07974

March 28, 2017



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 4 (IA-4) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex Zip Code: 07110

Program Interest (PI) Number(s): 009949 Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 4 (IA-4) - Soils

Report Date: 3/28/17

Federal Traditional Case Type :

☒ RCRA GPRA 2020 ☐ CERCLA/NPL ☐ USDOD ☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 542-8489 Ext: Fax: (973) 542-8491

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley State: New Jersey Zip Code: 07110

Email Address: tom.lyon@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: 3/28/17

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 584746First Name: Jeffrey Last Name: PowleyPhone Number: (908) 988-1661 Ext: _____ Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New Providence State: New Jersey Zip Code: 07974Email Address: JPowley@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☒ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: Jeffrey C PowleyDate: 3-28-2017LSRP Name/Title: Jeffrey Powley/Senior Project Director, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 4 (IA-4) - Soils

Program Interest (PI) Number(s): 009949

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 All soils in IA-4
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 22

IA-4 soils only

4. Total number of contaminated AOCs addressed in this submission: 22

IA-4 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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

*Note: The NJDEP Case Manager approved alternate wording for the RAO Shell Document Notices on May 16, 2016.

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): All soils in IA-4
- ☐ 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>.



Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCsolutions.com

August 18, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-6 including AOC 180 (Former Building 86) Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Area 6 (IA-6)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) **Lot:** 1, **Block:** 201 (in Nutley) **Lot:** 1

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area 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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
August 18, 2016
Page 2

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).

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.

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

NOTICES

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an “indeterminate” period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
August 18, 2016
Page 4

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 Licensed Site Remediation Professional 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 (978) 970-5600.

Sincerely,

TRC Environmental Corp.



Michael Plumb, P.E., LSRP
Licensed Site Remediation Professional # 575613

c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP





New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 6 (IA-6) including AOC 180 (Former Building 86) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 6 (IA-6) including AOC 180 (Former Building 86) - Soils

Report Date: 08/04/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 562-2210

Ext:

Fax: (973) 562-3977

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 575613First Name: MichaelLast Name: PlumbPhone Number: (978) 970-5600

Ext: _____

Fax: (978) 453-1995Mailing Address: 650 Suffolk StreetCity/Town: LowellState: MassachusettsZip Code: 01854Email Address: mplumb@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____



Date: _____

8/18/16LSRP Name/Title: Michael Plumb, P.E., LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 6 (IA-6) including AOC 180 (Former Building 86) - Soils

Program Interest (PI) Number(s): 009949

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 All soils in IA-6, including AOC 180
(Former Building 86)
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 23

IA-6 soils only

4. Total number of contaminated AOCs addressed in this submission: 23

IA-6 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☒ Yes ☐ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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>.



41 Spring Street, Suite 102
New Providence, NJ 07974



908.988.1700 PHONE
908.464.3712 FAX

www.trcsolutions.com

March 28, 2017

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Restricted Use with Permit Requirements

Scope of Remediation: Areas of Concern: Investigative Area 7 (IA-7) – Soils.

AOC 4/175 – Former Buildings 64, 65, 67 USTs (WTC-705 through WTC-709);

AOC 5 – Building 65 SE USTs (WTC-901 through WTC-905);

AOC 12 – Building 58, No. 2 Fuel Oil UST;

AOC 14 – Building 75, Diesel Fuel ASTs (WTC-853);

AOC 15 – Building 75, Pseudo Ionone USTs;

AOC 17 – Building 84, Dehydrolinalool USTs;

AOC 18a – Building 85, Fuel UST (E-290);

AOC 18b – Building 85, No. 2 Diesel Fuel Oil UST (E-42);

AOC 20a – Building 100, No. 2 Fuel Oil UST (E-31);

AOC 20b – Building 100, Diesel Fuel UST (E-44);

AOC 21a – Building 102, No. 2 Fuel Oil UST (E-32);

AOC 21b – Building 102, Diesel Fuel UST (E-45);

AOC 55 – Building 100, E Hazardous Waste Drum Storage Area;

AOC 60 – Building 66, NW Hazardous Waste Drum Storage Area;

AOC 61 – Building 102, Hazardous Waste Drum Storage Area;

AOC 62 – Building 71, N Hazardous Waste Drum Storage Area;

AOC 63 - Building 71, N Dumpster Storage Area;

AOC 64 – Building 71, NW Raw Materials Storage Area;

AOC 70 – Building 63, E Former Transformer;

AOC 71 – Building 63, W Former Transformer;

AOC 72 – Building 65, SE Former Transformer;

AOC 74 – Building 66, SE Transformers;

AOC 76 – Building 109, Transformer;

AOC 102 – Building 81 AST (WTD-8);

AOC 107 – Spill Location on Street North of Building 100;

AOC 120 – Production Well – PW-20;

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 2

AOC 121 – Production Well – PW-37;
AOC 161 – Former Building 65 Footprint;
AOC 162 – Building 64 Footprint;
AOC 163 – Former Building 67 Footprint;
AOC 166 – Former Building 84 Footprint;
AOC 167 – Building 63 Footprint;
AOC 171 – Former Building 71 Footprint;
IA-Wide – Historic Fill Material and no other areas.

Case Name: Hoffmann–La Roche Inc. - Investigative Area 7 (IA-7)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) **Lots:** 4.01, 4.02, 4.03 & 4.04 (former Lot 4); **Block:** 300 (in Nutley)

Lots: 1, 1.02, 1.03 & 1.04 (former Lot 1); **Block:** 201 (in Nutley) **Lot:** 1

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation of Operations and Sale of Property

ISRA Case #: E20120170

Dear Mr. Lyon:

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 directly oversaw and supervised all of the referenced remediation and/or 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).

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 Restricted Use 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 permit(s) and authorization(s) 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 permit(s) and authorization(s). The designated remedial action permit number is RAP170001 effective March 21, 2017.

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. If any wells have been properly decommissioned, the well driller's well decommissioning report has been submitted to the Bureau



of Water Allocation and Well Permitting. 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. 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.state.nj.us.

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 5

this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

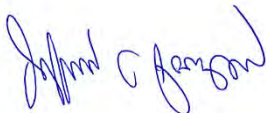
In concluding that this remediation has been completed, I am offering no opinions concerning whether either primary restoration (restoring natural resources to their pre-discharge condition) or compensatory restoration (compensating the citizens of New Jersey for the lost interim value of the natural 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 Licensed Site Remediation Professional 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) 988-1661.

Sincerely,

TRC Environmental Corp.



Jeffrey C. Powley, PG, LSRP, Senior Project Director
Licensed Site Remediation Professional # 584746



Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 6

c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP
Eugene Diaz, Manager/Member, PB Nutclif Master LLC

Nutley Site Remediation
Project No. S153.29215
TRC Project No. 105009-198233

Soil Response Action Outcome
Investigative Area 7 (IA-7) Soils

NJDEP Required Forms
Traditional Oversight Report Certification Form
Response Action Outcome Form

Prepared for:

Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110-1199

Prepared by:

TRC Environmental Corporation
41 Spring Street, Suite 102
New Providence, NJ 07974

March 28, 2017



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 7 (IA-7) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 7 (IA-7) - Soils

Report Date: 3/28/17

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 542-8489

Ext:

Fax: (973) 542-8491

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 584746First Name: JeffreyLast Name: PowleyPhone Number: (908) 988-1661

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring Street, Suite 102City/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: JPowley@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☒ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 3-28-2017LSRP Name/Title: Jeffrey Powley/Senior Project Director, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 7 (IA-7) - Soils

Program Interest (PI) Number(s): 009949

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 All soils in IA-7
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 31

IA-7 soils only

4. Total number of contaminated AOCs addressed in this submission: 31

IA-7 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No *
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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

*Note: The NJDEP Case Manager approved alternate wording for the RAO Shell Document Notices on May 16, 2016.

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): All soils in IA-7
- ☐ 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>.



41 Spring Street, Suite 102
New Providence, NJ 07974



908.988.1700 PHONE
908.464.3712 FAX

www.trcsolutions.com

March 28, 2017

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Avenue, Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Restricted Use with Permit Requirements

Scope of Remediation: Area of Concern: Investigative Area 9 (IA-9) Soils. AOC 7 – Former Building 73 Former USTs, AOC 30a – Building 1 Diesel Fuel UST (E-37), AOC 30b – Building 1 Heating Oil UST (E-40), AOC 48 – Building 76 W Drum Storage Area, AOC 49 – Former Building 73 N Dumpster Storage Area, AOC 50 – Former Building 73 W Dumpster Storage Area, AOC 110 – Hydraulic Oil Release Area, AOC 134 – Former Building 9 Drum Storage Area, AOC 146 – Former Building 73 Footprint, AOC 159 – Former Building 9 Footprint, Historic Fill Material and no other areas.

Case Name: Hoffmann-La Roche Inc. - Investigative Area 9 (IA-9)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) **Lots:** 1.01 (former Lot 1), & 4.04; **Block:** 201 (in Nutley) **Lot:** 1

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation of Operations and Sale of Property

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area 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).

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 permit(s) and authorization(s) 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 permit(s) and authorization(s). The designated remedial action permit number is RAP170001 effective March 21, 2017.

NOTICES

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground Water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an “indeterminate” period. Note that historic fill material that

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 4

remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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 Licensed Site Remediation Professional 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) 988-1617.

Sincerely,

TRC Environmental Corp.



Andrew Drotleff, LSRP
Licensed Site Remediation Professional # 586489

- c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton



Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 28, 2017
Page 5

Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP
Eugene Diaz, Manager/Member, PB Nutclif Master LLC

Nutley Site Remediation
Project No. S153.29215
TRC Project No. 105009-198233

Soil Response Action Outcome
Investigative Area 9 (IA-9) including AOCs 49, 67 (Portion) and 146
Soils

NJDEP Required Forms
Traditional Oversight Report Certification Form
Response Action Outcome Form

Prepared for:

Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110-1199

Prepared by:

TRC Environmental Corporation
41 Spring Street, Suite 102
New Providence, NJ 07974

March 28, 2017



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 9 (IA-9) including AOCs 49, 67 (Portion) and 146 - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 9 (IA-9) including AOCs 49, 67 (Portion) and 146 (Former Building 73) - Soils

Report Date: 3/28/17

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 542-8489

Ext:

Fax: (973) 542-8491

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 586489First Name: AndrewLast Name: DrotleffPhone Number: (908) 988-1617

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring Street, Suite 102City/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: ADrotleff@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 4/28/17LSRP Name/Title: Andrew Drotleff/Sr. Scientist, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 9 (IA-9) including AOCs 49, 67 (Portion) and 146 - Soils

Program Interest (PI) Number(s): 009949

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 All soils in IA-9, including AOCs 49, 67 (Portion) and 146
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 6

IA-9 soils only

4. Total number of contaminated AOCs addressed in this submission: 6

IA-9 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No *
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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

*Note: The NJDEP Case Manager approved alternate wording for the RAO Shell Document Notices on May 16, 2016.

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.

All soils in IA-9, including AOCs
49, 67 (Portion) and 146

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>.



41 Spring Street, Suite 102
New Providence, NJ 07974



908.988.1700 PHONE
908.464.3712 FAX

www.trcsolutions.com

March 14, 2018

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Restricted Use with Permit Requirements

Scope of Remediation: Area of Concern: IA-10 North – Soils and no other areas

Case Name: Hoffmann–La Roche Inc. Investigative Area 10 (IA-10) North

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 79.04 (in Clifton) **Lots:** 10 and 21

Preferred ID: 625447

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation of Operations and Sale of Property

ISRA Case #: E20130517

Dear Mr. Lyon:

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 *area 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), and that it 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).

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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 14, 2018
Page 2

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 RAP180001 effective March 16, 2018.

NOTICES

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment



on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground Water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically semi-volatile organic compounds, metals and pesticides) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period.

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) the Licensed Site Remediation Professional Board conducts an investigation of the Licensed Site Remediation Professional issuing the Response Action Outcome or, c) the license of that person is suspended or revoked.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 14, 2018
Page 4

Thank you for your attention to these matters. If you have any questions, please contact me at (908) 988-1710.

Sincerely,

TRC Environmental Corp.



Rebecca Hollender, LSRP
Licensed Site Remediation Professional # 585022

c: John Biegel, III, Health Officer, City of Clifton
Thomas A. Restaino, Public Health Coordinator, Township of Nutley
Sue Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Department of Health and Rehabilitation Director, Essex County
Charlene W. Gungil, Health Officer and Director, Passaic County
James Anzaldi, Mayor, City of Clifton
Dr. Joseph P. Scarpelli, Mayor, Township of Nutley
Nancy Ferrigno, City Clerk, City of Clifton
Eleni Pettas, RMC, Municipal Clerk, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 10 (IA-10) North - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 625447

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: Response Action Outcome - Investigative Area 10 (IA-10) North

Report Date: 03/14/2018

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (862) 235-5805

Ext: N/A

Fax: N/A

Mailing Address: 800 Bloomfield Avenue, Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 585022First Name: RebeccaLast Name: HollenderPhone Number: (908) 988-1710

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring Street, Suite 102City/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: rhollender@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 3/14/18LSRP Name/Title: Rebecca K. Hollender / Principal ConsultantCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 10 (IA-10) North - Soils

Program Interest (PI) Number(s): 625447

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 Includes all soils in IA-10 North
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 3 IA-10 North soils only

4. Total number of contaminated AOCs addressed in this submission: 3 IA-10 North soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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

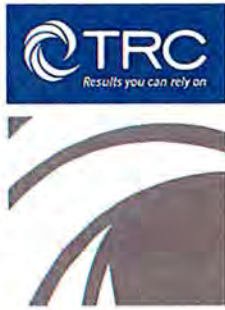
SECTION E. REMEDIATION FUNDING SOURCE

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>.



41 Spring Street
New Providence, NJ 07974

908.988.1700 PHONE
973.564.6442 FAX

www.trcsolutions.com

June 22, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-10 South – Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Area 10 (IA-10) South

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 79.04 (in Clifton) **Lot:** 21, **Block:** 102 (in Nutley) **Lot:** 2,

Block: 200 (in Nutley) **Lots:** 1 through 6, 24

Preferred ID: 625447

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20130517

Dear Mr. Lyon:

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 *area 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).

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.

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

NOTICES

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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 Licensed Site Remediation Professional 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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
June 22, 2016
Page 4

Thank you for your attention to these matters. If you have any questions, please contact me at (908) 988-1710.

Sincerely,

TRC Environmental Corp.



Rebecca Hollender, LSRP
Licensed Site Remediation Professional # 585022

c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 10 (IA-10) South - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 625447

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 10 (IA-10) South - Soils

Report Date: 06/22/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 562-2210

Ext:

Fax: (973) 562-3977

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 585022First Name: RebeccaLast Name: HollenderPhone Number: (908) 988-1710

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: rhollender@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:

- ☐ *directly oversaw and supervised all of the referenced remediation, and/or*
☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 6/22/16LSRP Name/Title: Rebecca Hollender/Principal Consultant, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 10 (IA-10) South - Soils

Program Interest (PI) Number(s): 625447

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 **Includes all soils in IA-10 South**
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 12

IA-10 South soils only

4. Total number of contaminated AOCs addressed in this submission: 12

IA-10 South soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No

2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No

3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No

4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No

5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No

6. 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>.



41 Spring Street
New Providence, NJ 07974

908.988.1700 PHONE
973.564.6442 FAX

www.trcsolutions.com

September 15, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Avenue, Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-11 - Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Area 11 (IA-11)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 300 **Lot:** 1, **Block:** 201 **Lot:** 1

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation of Operations and Sale of Property

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area 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).

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
September 15, 2016
Page 2

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.

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

NOTICES

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.



Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
September 15, 2016
Page 4

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 Licensed Site Remediation Professional 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) 988-1707.

Sincerely,

TRC Environmental Corp.



Peter L. Grogan, LSRP
Licensed Site Remediation Professional # 584591

- c:
- John Biegel, III, Health Officer, City of Clifton
 - Thomas Restaino, Health Officer, Township of Nutley
 - Susan Portuese, Health Officer, Township of Nutley
 - Frank J. Del Guadio, SASHE, Health Officer, Essex County
 - Mayor James Anzaldi, City of Clifton
 - Mayor Dr. Joseph P. Scarpelli, Township of Nutley
 - City Clerk, Nancy Ferrigno, City of Clifton
 - Township Clerk, Eleni Pettas, Township of Nutley
 - Donna Gaffigan, Case Manager, NJDEP

**Nutley Site Remediation
Project No. S153.29215
TRC Project No. 105009-198233**

**Soil Remedial Action Report
Investigative Area 11 (IA-11) Soils**

NJDEP Required Forms
Traditional Oversight Report Certification Form
Response Action Outcome Form

Prepared for:

Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110-1199

Prepared by:

TRC Environmental Corporation
41 Spring Street, Suite 102
New Providence, NJ 07974

September 15, 2016



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 11 (IA-11) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 11 (IA-11) - Soils

Report Date: 09/15/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (862) 235-5805

Ext:

Fax: (973) 542-8491

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 584591First Name: PeterLast Name: GroganPhone Number: (908) 988-1707

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: pgrogan@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

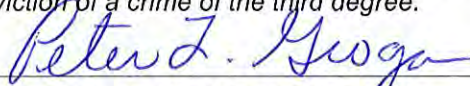
I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____



Date: _____

9/15/16LSRP Name/Title: Peter L. Grogan, LSRP/Senior ScientistCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 11 (IA-11) - Soils

Program Interest (PI) Number(s): 009949

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 **Includes all soils in IA-11**
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 9

IA-11 soils only

4. Total number of contaminated AOCs addressed in this submission: 9

IA-11 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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>.



41 Spring Street
New Providence, NJ 07974

908.988.1700 PHONE
973.564.6442 FAX

www.trcsolutions.com

December 22, 2014

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
340 Kingsland Street
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: *Unrestricted Use*

Scope of Remediation: *Area of Concern: IA-12 and no other areas*

Case Name: Hoffmann-La Roche Inc. Investigative Area 12 (IA-12)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 80.02 (in Clifton) Lot: 1, 3, 4

Preferred ID: 009949

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area 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),

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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
December 22, 2014
Page 2

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.

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

NOTICES

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.

Soils Only Response Action Outcome when Ground Water Contamination remains from that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. Please note that you may have an affirmative obligation, pursuant to the Brownfield and Contaminated Site Remediation Act,



Mr. Thomas Lyon
Hoffmann-La Roche Inc.
December 22, 2014
Page 3

N.J.S.A. 58:10B-1.3, to remediate the remaining 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 Licensed Site Remediation Professional 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.

Sincerely,



Rebecca K. Hollender, CPG, LSRP
Licensed Site Remediation Professional # 585022

- c: John Biegel, III, Health Officer, City of Clifton
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Alphonse Petracco, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Ms. Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann - La Roche Inc. Investigative Area 12 (IA-12)

List All AKAs: _____

Street Address: 340 Kingsland Street

Municipality: Nutley (Township, Borough or City)

County: Essex Zip Code: 07110

Program Interest (PI) Number(s): 009949

Case Tracking Number(s) for this submission: NJD002191211, E20120170

Municipal Block(s) and Lot(s):

Block #: 80.02 (in Clifton) Lot #: 1, 3, 4 Block #: _____ Lot #: _____

Block #: _____ Lot #: _____ Block #: _____ Lot #: _____

Block #: _____ Lot #: _____ Block #: _____ Lot #: _____

Block #: _____ Lot #: _____ Block #: _____ Lot #: _____

SECTION B. SUBMISSION STATUS

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

Complete the following Submission and Permit Status Table:

	N/A	Included in This Submission	Previously Submitted	Date of Submission	Date of Revised Submission	Date of Previous NJDEP Approval	Date of Document Withdrawal
Alternative Soil Remediation Standard and/or Screening level Application Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Case Inventory Document		<input type="checkbox"/>					
Discharge to Ground Water Permit by Rule Authorization Request	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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"/>				
Preliminary Assessment Report	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05/01/1998			
Public Notification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/11/2014			
Receptor Evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	02/01/2011			
Remedial Action Report	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	09/02/2014			
Remedial Action Work Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/01/2014			
Remedial Investigation Report	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	07/17/2013			
Response Action Outcome	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Site Investigation Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Technical Impracticability Determination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Vapor Concern Mitigation Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Permit Application – list:	<input checked="" type="checkbox"/>						
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
Radionuclide Remedial Investigation 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 Action Workplan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Radionuclide Remedial Action Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

SECTION C. SITE USE

Current Site Use (check all that apply)

- ☒ Industrial ☐ Agricultural
☐ Residential ☐ Park or recreational use
☐ Commercial ☐ Vacant
☐ School or Childcare ☐ Government
☒ Other: parking lot

Intended Future Use (check all that apply)

- ☐ Industrial ☐ Park or recreational use
☐ Residential ☐ Vacant
☐ Commercial ☐ Government
☐ School or Childcare ☒ Future site use unknown
☐ Other: _____

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

- | | |
|--|--|
| <input type="checkbox"/> Administrative Consent Order (ACO) | <input type="checkbox"/> Landfill (SRP subject only) |
| <input type="checkbox"/> Brownfield Development Area (BDA) | <input type="checkbox"/> Regulated Underground Storage Tank (UST) |
| <input type="checkbox"/> Child Care Facility | <input type="checkbox"/> Remediation Agreement (RA)/ Remediation Certification |
| <input type="checkbox"/> Chrome Site (Chromate chemical production waste) | <input type="checkbox"/> School Development Authority (SDA) |
| <input type="checkbox"/> Coal Gas | <input type="checkbox"/> School facility |
| <input type="checkbox"/> Due Diligence with RAO | <input type="checkbox"/> Spill Act Defense – Government Entity |
| <input type="checkbox"/> Hazardous Discharge Remediation Fund (HDSRF) Grant/Loan | <input type="checkbox"/> Spill Act Discharge |
| <input checked="" type="checkbox"/> ISRA | <input type="checkbox"/> UST Grant/Loan |
| | <input type="checkbox"/> 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. 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 (Includes all soils in IA-12)
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 2 (IA-12 soils only)

4. Total number of contaminated AOCs addressed in this submission: 2 (IA-12 soils only)

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

SECTION F. RESPONSE ACTION OUTCOME PREPARATION CHECKS

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

SECTION G. RESPONSE ACTION OUTCOME NOTICES (check all that 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 H. 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>

SECTION I. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATIONFull Legal Name of the Person Responsible for Conducting the Remediation: Hoffmann-La Roche Inc.Representative First Name: ThomasRepresentative Last Name: LyonTitle: Vice President, Site HeadPhone Number: (973) 562-2210

Ext: _____

Fax: (973) 562-3977Mailing Address: 340 Kingsland StreetCity/Town: NutleyState: New JerseyZip Code: 07110Email Address: tom.lyon@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: 12/18/17Name/Title: Thomas Lyon/ Vice President, Site HeadCompany Name: Hoffmann - La Roche Inc.No changes to contact information since last submission ☐

SECTION J. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 585022First Name: RebeccaLast Name: HollenderPhone Number: (908) 988-1710

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: rhollender@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with section 14 of P.L.2009 c.60 (N.J.S.A. 58:10C-14), and paragraphs (1) and (2) of subsection b. of section 30 of P.L.2009 c.60 (N.J.S.A. 58:10B-1.3b(1) and (2)).

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 12/22/14LSRP Name/Title: Rebecca K. Hollender/ Principal ConsultantCompany Name: TRC Environmental Corporation**No changes to contact information since last submission ☒**

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



41 Spring Street, Suite 102
New Providence, NJ 07974



908.988.1700 PHONE
908.464.3712 FAX

www.trcsolutions.com

March 29, 2017

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Restricted Use with Permit Requirements

Scope of Remediation: Area of Concern: Investigative Area 13 (IA-13) – Soils; AOC 16 – Former Underground Storage Tank NE of Building 77 (UST E-28); Building 77 Historic Fill, and no other areas.

Case Name: Hoffmann–La Roche Inc. - Investigative Area 13 (IA-13)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 300 (in Nutley) **Lot:** 1

Preferred ID: 009949

Case Tracking Number #: NJD002191211

UST Closure #: C91-3846

ISRA Transaction: Cessation of Operations and Sale of Property

ISRA Case #: E20120170

Dear Mr. Lyon:

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 *area of concern* specifically referenced above. I directly oversaw and supervised all of the referenced remediation and 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), and that it 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).

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 permit(s) and authorization(s) 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 permit(s) and authorization(s). The designated remedial action permit number is RAP170001 effective March 21, 2017.

NOTICES

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.

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons, pesticides, and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an “indeterminate” period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
March 29, 2017
Page 4

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 Licensed Site Remediation Professional 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.

Sincerely,

TRC Environmental Corp.



Rebecca Hollender, Principal Consultant, LSRP
Licensed Site Remediation Professional # 585022

c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP
Eugene Diaz, Manager/Member, PB Nutclif Master LLC



Nutley Site Remediation
Project No. S153.29215
TRC Project No. 105009-198233

Soil Response Action Outcome
Investigative Area 13 (IA-13) Soils

NJDEP Required Forms
Traditional Oversight Report Certification Form
Response Action Outcome Form

Prepared for:

Hoffmann-La Roche Inc.
800 Bloomfield Ave., Suite 127
Nutley, New Jersey 07110-1199

Prepared by:

TRC Environmental Corporation
41 Spring Street, Suite 102
New Providence, NJ 07974

March 29, 2017



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 13 (IA-13) - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 009949

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 13 (IA-13) - Soils

Report Date: 3/29/17

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 542-8489

Ext:

Fax: (973) 542-8491

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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: 3/29/17

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 585022First Name: RebeccaLast Name: HollenderPhone Number: (908) 988-1710

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring Street, Suite 102City/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: RHollender@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____

Date: 3/29/2017LSRP Name/Title: Rebecca K. Hollender / Principal Consultant, LSRPCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 13 (IA-13) - Soils

Program Interest (PI) Number(s): 009949

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 All soils in IA-13 only
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 1 IA-13 soils only

4. Total number of contaminated AOCs addressed in this submission: 1 IA-13 soils only

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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

*Note: The NJDEP Case Manager approved alternate wording for the RAO Shell Document Notices on May 16, 2016.

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): All soils in IA-13 only
- ☐ 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>.



41 Spring Street
New Providence, NJ 07974

908.988.1700 PHONE
973.564.6442 FAX

www.trcsolutions.com

June 22, 2016

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
800 Bloomfield Avenue, Suite 127
Nutley, New Jersey 07110

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: IA-14 (Upland Portion) Soils and no other areas

Case Name: Hoffmann-La Roche Inc. Investigative Area (IA) 14 (Upland Portion)

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 2000 (in Nutley) **Lots:** 1, 4 & 5 **Block:** 2101 (in Nutley) **Lot:** 1 (Portion)

Preferred ID: 614465

Case Tracking Number # NJD002191211

ISRA Transaction: Cessation

ISRA Case #: E20130333

Dear Mr. Lyon:

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 *area 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).

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.

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

NOTICES

Soils Only Response Action Outcome when Ground Water Contamination remains under that Area(s) of Concern or Site

This Response Action Outcome only applies to the soils at the referenced location. By issuing this Response Action Outcome, I have relied on both the implementation of the remedial action for soil and on the ground water data to support the determination that soil contamination is no longer affecting ground water. Please be advised that if changes in future ground water data no longer support this conclusion, additional soil remediation may be necessary. Also, any redevelopment on this site should take into consideration the potential for vapor intrusion from the ground water contamination. 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 contamination, within specific regulatory and mandatory timeframes and within the statutory timeframe specified at N.J.S.A. 58:10C-27.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill material that remains on-site was remediated to below residential soil remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

N.J.S.A. 58:10B-1.3, to remediate the remaining 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 Licensed Site Remediation Professional 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.

Mr. Thomas Lyon
Hoffmann-La Roche Inc.
June 22, 2016
Page 4

Thank you for your attention to these matters. If you have any questions, please contact me at (908) 988-1628.

Sincerely,

TRC Environmental Corp.



Robert J. Lippencott, PH.D., LSRP, CHMM
Licensed Site Remediation Professional # 587674

- c: John Biegel, III, Health Officer, City of Clifton
Thomas Restaino, Health Officer, Township of Nutley
Susan Portuese, Health Officer, Township of Nutley
Frank J. Del Gaudio, SASHE, Health Officer, Essex County
Mayor James Anzaldi, City of Clifton
Mayor Dr. Joseph P. Scarpelli, Township of Nutley
City Clerk, Nancy Ferrigno, City of Clifton
Township Clerk, Eleni Pettas, Township of Nutley
Donna Gaffigan, Case Manager, NJDEP



New Jersey Department of Environmental Protection
Site Remediation Program

TRADITIONAL OVERSIGHT REPORT CERTIFICATION
FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 14 (IA-14) Upland Portion - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 614465

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 14 (IA-14) Upland Portion - Soils

Report Date: 06/22/2016

Federal Traditional Case Type :

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Other (explain):

SECTION C. 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: Thomas

Representative Last Name: Lyon

Title: Vice President, Site Head

Phone Number: (973) 562-2210

Ext:

Fax: (973) 562-3977

Mailing Address: 800 Bloomfield Ave., Suite 127

City/Town: Nutley

State: New Jersey

Zip Code: 07110

Email Address: tom.lyon@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:

Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 587674First Name: RobertLast Name: LippencottPhone Number: (908) 988-1628

Ext: _____

Fax: (908) 464-3712Mailing Address: 41 Spring StreetCity/Town: New ProvidenceState: New JerseyZip Code: 07974Email Address: RLippencott@trcsolutions.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with SRRA Section 16 d. and Section 30 b.2.

I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:

[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.

My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.

I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.

LSRP Signature: _____



Date: _____

6/22/16LSRP Name/Title: Robert J. Lippencott, Ph.D., LSRP / Tech. DirectorCompany Name: TRC Environmental Corporation

Completed forms should be sent to:

Assigned Case Manager
Bureau of Case Management
Site Remediation Program
NJ Department of Environmental Protection
401-05F
PO Box 420
Trenton, NJ 08625-0420



New Jersey Department of Environmental Protection
Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp
(For Department use only)

SECTION A. SITE

Site Name: Hoffmann-La Roche Inc. - Investigative Area 14 (IA-14) Upland Portion - Soils

Program Interest (PI) Number(s): 614465

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 **Includes all soils in IA-14 (Upland Portion)**
☐ Entire Site
☐ ISRA Subject Industrial Establishment (leasehold portion only)

3. Total number of contaminated AOCs associated with the case: 5 **IA-14 (Upland Portion) soils only**

4. Total number of contaminated AOCs addressed in this submission: 5 **IA-14 (Upland Portion) soils only**

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☒ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☒ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☒ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☒ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☒ No
6. 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>.



August 26, 2021

Mr. Chandra Patel
Hoffmann-La Roche Inc.
150 Clove Road, 8th Floor, Suite 8
Little Falls, New Jersey 07424

Re: Response Action Outcome

Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: Investigative Area 15 (IA-15) Upland Portion - Area of Concern (AOC) 67 – Portion of Process/Sanitary Sewer; AOC 116 – Portion of Storm Sewer System East; AOC 184c – Parking Lot 906 and Areas South of Parking Lot 906 in IA-15; AOC 185b – Former Building B121 Footprint in IA-15; AOC 189b – Former La Monte Rail Spur in IA-15; Former Historical Dye House; and no other areas

Case Name: Hoffmann–La Roche Inc.

Address: 340 Kingsland Street

Municipality: Nutley

County: Essex

Block: 2101 (Portion) **Lot:** 1 (Portion)

Preferred ID: 614465

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 *area 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), and that it 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).

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.

Mr. Chandra Patel
Hoffmann-La Roche Inc.
August 26, 2021
Page 2

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.

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

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.

NOTICES

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 and Deed Notice from Prior Remediations

Please be advised that this Response Action Outcome does not address the contamination at this site covered under the Classification Exception Area (CEA1167705) and Deed Notice (RAP 180001) for the cases covered under Department Program Interest # 009949.

Ground water Contamination due to Regional Historic Fill

Please be advised that ground water contamination (specifically polycyclic aromatic hydrocarbons and metals) at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9C) which may limit ground water use at this site. It has been determined that this contamination is solely related to regional historic fill and there is no other onsite source of contamination contributing to



Mr. Chandra Patel
Hoffmann-La Roche Inc.
August 26, 2021
Page 3

this ground water contamination. Based on ground water data collected as part of this remediation and provided to the Department, a Classification Exception Area (CEA) pursuant to N.J.A.C. 7:26E-4.7(b) is required for the footprint of this property. Since this contamination is from regional historic fill only, the Department will maintain the Classification Exception Area and a Remedial Action Permit for this contamination is not required. The duration of this Classification Exception Area is for an "indeterminate" period. Note that historic fill that remains onsite was remediated to below residential remediation standards using several Department-approved remedies, including excavation and compliance averaging. Any off-site use or disposal of fill from the site may be subject to additional regulations and restrictions.

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) the Licensed Site Remediation Professional Board conducts an investigation of the Licensed Site Remediation Professional issuing the Response Action Outcome or, c) 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.

Sincerely,

TRC Environmental Corp



Rebecca Hollender, LSRP
Licensed Site Remediation Professional # 585022

c: PB Nutclif Master, LLC
Township of Nutley Public Health Officer
Essex County Health Department
Essex County Dept. of Health and Rehabilitation



Mr. Chandra Patel
Hoffmann-La Roche Inc.
August 26, 2021
Page 4

Mayor, Township of Nutley
Township of Nutley Municipal Clerk
Aysia Gandy, Case Manager, NJDEP
NJDEP Bureau of Case Assignment and Initial Notice



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: _____

Program Interest (PI) Number(s): _____

Case Tracking Number(s) for this submission: _____

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. Total number of contaminated AOCs addressed in this submission: _____

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

1. Was the RAO issued only to the "Person(s) that conducted the Remediation"? ☐ Yes ☐ No
2. Does the language in the issued RAO document conform to the RAO shell document? ☐ Yes ☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO? ☐ Yes ☐ No
4. Are there electronic copies of all remediation related records included with this submission? ☐ Yes ☐ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? ☐ Yes ☐ No
6. 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

***Note: The NJDEP Case Manager approved alternate wording for the RAO Shell Document Notices on May 16, 2016.**

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

TRADITIONAL/DIRECT OVERSIGHT
REPORT CERTIFICATION FORM

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Hoffmann-La Roche Inc. - Investigative Area 15 (IA-15) Upland Portion - Soils

List All AKAs: Roche

Street Address: 340 Kingsland Street

Municipality: Nutley (Township Borough or City)

County: Essex

Zip Code: 07110-1199

Program Interest (PI) Number(s): 614465

Case Tracking Number(s): NJD002191211

SECTION B. REPORT INFORMATION

Report Name: RAO - Investigative Area 15 (IA-15) Upland Portion - Soils

Report Date: August 26, 2021

Case Type:

☒ RCRA GPRA 2020

☐ CERCLA/NPL

☐ USDOD

☐ USDOE

☐ Direct Oversight

☐ Other (explain):

SECTION C. 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

City/Town: 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:

8/19/21

Name/Title: Chandra Patel/Director Site EH&S and Nutley Safety and Env.