



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



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: Date:

SECTION D. LICEI LSRP ID Number:	NSED SITE REMEDIATION PRO	FESS	IONAL INFORMATION AN	D STATEM	IENT
First Name: And	400000000000000000000000000000000000000		Last Name: Drotleff		
	908) 988-1617	E	xt:	Fax: (9	08) 464-3712
Mailing Address:	41 Spring Street				
City/Town: New	Providence	State:	New Jersey	Zip Co	ode: 07974
Email Address:	adrotleff@trcsolutions.com				
This statement shall Section 30 b.2.	I be signed by the LSRP who is s	ubmitti	ng this notification in accord	lance with	SRRA Section 16 d. and
	Licensed Site Remediation Profes Licensed Site Remediation Profe				C to conduct business in
[SELECT ON	OR BOTH OF THE FOLLOWIN	IG AS	APPLICABLE]:		
	ersaw and supervised all of the re reviewed and accepted all of the			herein.	
I believe that the int	formation contained herein, and in	ncludin	g all attached documents, is	true, accu	rate and complete.
It is my independent submission to the D	t professional judgment and opin Department, conforms to, and is c	ion tha onsiste	t the remediation conducted nt with, the remediation req	l at this site uirements i	e, as reflected in this in N.J.S.A. 58:10C-14.
the knowledge and	cisions in this matter were made of skill ordinarily exercised by licens J.S.A. 58:10C-16, in the State of	sed site	remediation professionals	practicing i	n good standing, in
representation or co	nt to N.J.S.A. 58:10C-17 that for pertification in any document or infinitive and criminal penalties r conviction of a crime of the third	ormatio , includ	on submitted to the board or ling license revocation or su	Departme	nt, etc., that there are
LSRP Signature:		-		Date:	\$6/22/16
LSRP Name/Title:	Andrew Drotleff/LSRP, Sr. Scien	ntist			
Company Name	TRC Environmental Corporation	1			

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)

(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	
MAN Oversight Invaignes and Annual Remodistion Feet are Boild in Full	
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME	
 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: 7	
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?	⊠ No
6. Does this RAO address a discharge/release from a federally regulated UST?	⊠ No
SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS	
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	□No
2. Does the language in the issued RAO document conform to the RAO shell document? X 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?	⊠ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use?	⊠ No
6. Have any NJDEP-documented deficiencies been addressed in this or prior submission?	⊠ 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 Remediation Document ☐ 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	Ī
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 <u>and</u> 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:

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NOTICES

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

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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.

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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
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) includ	ing AOC 145 (Former Building 30) - Soils
List All AKAs: Roche		
Street Address: 340 Kingsland Street		
Municipality: Nutley	(Township Boroug	h or City)
County: Essex	Zip Cod	le: 07110-1199
Program Interest (PI) Number(s): 009949		Tracking Number(s): NJD002191211
SECTION B. REPORT INFORMATION Report Name: RAO - Investigative Area 2 (IA-2) include	ling AOC 145 (Form	er Building 30) - Soils
Report Date: 06/22/2016		
Federal Traditional Case Type : RCRA GPRA 2020	USDOD	USDOE
SECTION C. PERSON RESPONSIBLE FOR CONDU	JCTING THE REME	DIATION INFORMATION AND CERTIFICATION
Full Legal Name of the Person Responsible for Condu	cting the Remediation	on: Hoffmann - La Roche Inc.
Representative First Name: Thomas	Repre	sentative 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 responsing accordance with Administrative Requirements for the I certify under penalty of law that I have personally examincluding all attached documents, and that based on the information, to the best of my knowledge, I believe aware that there are significant civil penalties for known am committing a crime of the fourth degree if I make a aware that if I knowingly direct or authorize the violation. Signature:	e Remediation of Co amined and am family in y inquiry of those in that the submitted in vingly submitting fals in written false statem on of any statute, I an	ontaminated Sites rule at N.J.A.C. 7:26C-1.5(a). liar with the information submitted herein, idividuals immediately responsible for obtaining information is true, accurate and complete. I am information is true, inaccurate information and that I ident which I do not believe to be true. I am also
Name/Title: Thomas Lyon / Vice President, Site Hear	a	

A-5		110000			0.100
	NSED SITE REMEDIATION PRO	DFESS	IONAL INFORMATION A	ND STATE	MENT
LSRP ID Number:	586489	_	Jan 19 19 19 19 19 19 19 19 19 19 19 19 19		
First Name: And	rew		Last Name: Drotleff		
Phone Number: (9	908) 988-1617	E	xt:	Fax: (908) 464-3712
Mailing Address:	41 Spring Street				
City/Town: New	Providence	State:	New Jersey	Zip C	ode: 07974
Email Address:	adrotleff@trcsolutions.com				
This statement shall Section 30 b.2.	I be signed by the LSRP who is s	submitti	ng this notification in acco	ordance with	SRRA Section 16 d. and
	Licensed Site Remediation Profe Licensed Site Remediation Profe				OC to conduct business in
[SELECT ONE	OR BOTH OF THE FOLLOWIN	NG AS	APPLICABLE]:		
	ersaw and supervised all of the re reviewed and accepted all of the			ed herein.	
I believe that the inf	formation contained herein, and i	ncludin	g all attached documents,	is true, accu	urate and complete.
	t professional judgment and opin Department, conforms to, and is c				
the knowledge and	cisions in this matter were made skill ordinarily exercised by licens J.S.A. 58:10C-16, in the State of	sed site	e remediation professiona	s practicing	in good standing, in
representation or ce significant civil, adm	nt to N.J.S.A. 58:10C-17 that for pertification in any document or infininistrative and criminal penalties reconviction of a crime of the third	ormatio , includ	on submitted to the board ling license revocation or	or Departme	nt, etc., that there are
LSRP Signature:				Date:	06/22/16
LSRP Name/Title:	Andrew Drotleff/Sr. Scientist, LS	SRP			
Company Name:	TRC Environmental Corporation	1			

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

(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	
May on the land and American Demodration Force and Point in Full	
X All Oversight Invoices and Annual Remediation Fees are Paid in Full.	
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME	
Indicate the extent of remediation covered by the Response Action Outcome. Check only 1 box: ☐ Unrestricted RAO ☐ Limited Restricted RAO ☐ Restricted RAO ☐ 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: 9	
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?	⊠ No
6. Does this RAO address a discharge/release from a federally regulated UST?	⊠ No
SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS	
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	☐ No
	☐ No
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO?	□ No
[20] : 그렇게 되었다면 하다 하다 하다 하다 하다 하다 하다 하나 하네요. 아니는	⊠ No
	⊠ 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 Final Remediation Document	
2 ICDA Cassifia Nationa	
 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.



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	r City)
County: Essex	Zip Code:	07110-1199
Program Interest (PI) Number(s): 009949	Case Trac	cking Number(s): NJD002191211
SECTION B. REPORT INFORMATION		
Report Name: RAO - Investigative Area 3 (IA-3) - Soils	S	
Report Date: 06/22/2016		
Federal Traditional Case Type :		Wanes
⊠ RCRA GPRA 2020 ☐ CERCLA/NPL	USDOD	USDOE
Other (explain):		
SECTION C. PERSON RESPONSIBLE FOR CONDU	JCTING THE REMEDIA	TION INFORMATION AND CERTIFICATION
DESTRUCTION OF THE OWNER OWNER OF THE OWNER		
Full Legal Name of the Person Responsible for Condu		Hoffmann-La Roche Inc.
	icting the Remediation:	
Full Legal Name of the Person Responsible for Condu	icting the Remediation:	Hoffmann-La Roche Inc.
Full Legal Name of the Person Responsible for Condu Representative First Name: Thomas	icting the Remediation:	Hoffmann-La Roche Inc. tative Last Name Lyon
Full Legal Name of the Person Responsible for Condu Representative First Name: Thomas Title: Vice President, Site Head	octing the Remediation: Represent	Hoffmann-La Roche Inc. tative Last Name Lyon
Full Legal Name of the Person Responsible for Conductive Representative First Name: Thomas Title: Vice President, Site Head Phone Number: (973) 562-2210 Mailing Address: 800 Bloomfield Ave., Suite 127	octing the Remediation: Represent	Hoffmann-La Roche Inc. tative Last Name Lyon
Full Legal Name of the Person Responsible for Conductive Representative First Name: Thomas Title: Vice President, Site Head Phone Number: (973) 562-2210 Mailing Address: 800 Bloomfield Ave., Suite 127	ecting the Remediation: Represent Ext:	Hoffmann-La Roche Inc. tative Last Name Lyon Fax: (973) 562-3977
Full Legal Name of the Person Responsible for Conductor Representative First Name: Thomas Title: Vice President, Site Head Phone Number: (973) 562-2210 Mailing Address: 800 Bloomfield Ave., Suite 127 City/Town: Nutley	Ext: State: New Jersey sible for conducting the	Hoffmann-La Roche Inc. tative Last Name Lyon Fax: (973) 562-3977 Zip Code: 07110 remediation who is submitting this notification
Full Legal Name of the Person Responsible for Conductive Representative First Name: Thomas Title: Vice President, Site Head Phone Number: (973) 562-2210 Mailing Address: 800 Bloomfield Ave., Suite 127 City/Town: Nutley Standard Address: tom.lyon@roche.com This certification shall be signed by the person response.	Ext: State: New Jersey sible for conducting the re Remediation of Contar amined and am familiar my inquiry of those indivivity that the submitted informally submitting false, in a written false statement	Hoffmann-La Roche Inc. tative Last Name Lyon Fax: (973) 562-3977 Zip Code: 07110 remediation who is submitting this notification minated Sites rule at N.J.A.C. 7:26C-1.5(a). with the information submitted herein, duals immediately responsible for obtaining mation is true, accurate and complete. I am naccurate or incomplete information and that I which I do not believe to be true. I am also

SECTION D. LIC	ENSED SITE REMEDIATION PR	OFESS	IONAL INFORMATION	AND STATEMENT
LSRP ID Number:	584746			
First Name: Je	ffrey		Last Name: Powley	
Phone Number:	(908) 988-1661	E	xt:	Fax: (908) 464-3712
Mailing Address:	41 Spring Street			
City/Town: Nev	w Providence	State:	New Jersey	Zip Code: 07974
Email Address:	jpowley@trcsolutions.com			
This statement sh Section 30 b.2.	all be signed by the LSRP who is	submitti	ng this notification in acc	ordance with SRRA Section 16 d. and
	a Licensed Site Remediation Profe ne Licensed Site Remediation Prof			I.J.S.A. 58:10C to conduct business in liation, I:
[SELECT O	NE OR BOTH OF THE FOLLOWI	NG AS	APPLICABLE]:	
	versaw and supervised all of the re ly reviewed and accepted all of the			ed herein.
I believe that the	information contained herein, and	includin	g all attached documents	, is true, accurate and complete.
	ent professional judgment and opi Department, conforms to, and is o			ted at this site, as reflected in this requirements in N.J.S.A. 58:10C-14.
the knowledge an	lecisions in this matter were made od skill ordinarily exercised by licen N.J.S.A. 58:10C-16, in the State of	sed site	remediation professiona	
representation or significant civil, ac		formations, includ	on submitted to the board ling license revocation or	ly submitting false statement, or Department, etc., that there are suspension, fines and being punished Date: 6/22/20/6
LSRP Name/Title	: Jeffrey Powley/Senior Project D	Director,	LSRP	

Completed forms should be sent to:

Company Name:

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

TRC Environmental Corporation



New Jersey Department of Environmental Protection Site Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp (For Department use only)

(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	
Indicate the extent of remediation covered by the Response Action Outcome. Check only 1 box: ☐ Unrestricted RAO ☐ Limited Restricted RAO ☐ 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: 15	
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?	⊠ No
6. Does this RAO address a discharge/release from a federally regulated UST?	⊠ No
SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS	
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	☐ No
2. Does the language in the issued RAO document conform to the RAO shell document?	☐ 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?	⊠ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use?	⊠ No
6. Have any NJDEP-documented deficiencies been addressed in this or prior submission?	⊠ 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)

☐ Regi ☐ Exisi ☐ Soils ☐ Grou ☐ Grou ☐ Cont	ional Natural Background Levels (above Direct Contact Standards) of Materials in Soil ting Classification Exception Area or Deed Notice from Prior Remediations s Only RAO when Ground Water Contamination remains from that Area(s) of Concern or Site and Water Contamination Not Yet investigated and Water Contamination Due to Regional Historic Fill tamination Remaining Onsite Due to Off-site Contamination wn Onsite Contamination Source Not Yet Remediated er of Magnitude Change to a Remediation Standard after approval of a Remediation Document
☐ ISR/	pecific Notices A Specific – RCRA Situations - Bureau of Case Assignment and Initial Notice Referral A Specific – Multi-Tenant Situations - Bureau of Case Assignment and Initial Notice Referral A Specific – Landfill Situations - Bureau of Case Assignment and Initial Notice Referral
☐ In-S ☐ Kno ☐ Soil ☐ Soil ☐ Natu	Service Railroad Line, Spurs and Sidings Not Remediated Service Railroad (RAO-A) Contamination From an Off-Site Source Not Remediated - General Contamination From an Off-Site Source Not Remediated - Diffuse Anthropogenic Pollution surally Occurring Levels of Constituents in Ground Water sorically Applied Pesticides not Addressed
SECTION	E. REMEDIATION FUNDING SOURCE
1. Has a l	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:
	This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*.
b. 🔲 1	This RAO is for an Area of Concern only and (check one below):
1 6 5	☐ 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.
	any box in a. or b. above identified with an asterisk (*) is checked, be sure to include the completed "Remediation iew and RFS-FA Form" available at http://nj.gov/dep/srp/srra/forms .





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

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



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.

Jeffry C Howen

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

I or 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				

LSRP ID Number: 5847		OFESS	IONAL INFORMATION AN	DSTATEMEN	E.
First Name: Jeffrey			Last Name: Powley		
Phone Number: (908) 988	3-1661	E	kt:	Fax: (908)	464-3712
Mailing Address: 41 Sprin	g Street				
City/Town: New Provider	nce	State:	New Jersey	Zip Code:	07974
Email 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 New Jersey. As the License					conduct business in
[SELECT ONE OR BO	TH OF THE FOLLOWI	NG AS	APPLICABLE]:		
	d supervised all of the re d and accepted all of the		ed remediation, and\or ced 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:	My c Pow	ly		Date: 3	28-2017
LSRP Name/Title: Jeffrey	Powley/Senior Project D	irector,	LSRP		
Company Name: TRC Er	nvironmental Corporation	1			

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 ProtectionSite Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp (For Department use only)

	(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/Certific	ation Form					
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME						
 Indicate the extent of remediation covered by the Response Action Outcome. Check only 1 box: 						
Unrestricted RAO						
Limited Restricted RAO						
2. Check only 1 box:						
☐ Area(s) of Concern Only ☐ Finding Office ☐ Finding Of						
☐ Entire Site☐ ISRA Subject Industrial Establishment (leasehold portion only)						
	A-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						
has not been filed?						
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"?						
2. Does the language in the issued RAO document conform to the RAO shell document	nent? 🛛 Yes 🔭 🗌 No					
3. Were all the applicable individuals/agencies noted in the shell document copied of	n the RAO? 🛛 Yes 🗌 No					
4. Are there electronic copies of all remediation related records included with this su	lbmission? ☐ 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 submi	ssion? Yes No X N/A					
SECTION D. RESPONSE ACTION OUTCOME NOTICES (check all the apply and v	vere 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 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
 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: This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*. This RAO is for an Area of Concern only <u>and</u> (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 RES-FA Form" available at http://ni.gov/dep/srp/srra/forms .

Response Action Outcome Version 3.3 05/27/15



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



Mr. Thomas Lyon Hoffmann-La Roche Inc. August 18, 2016 Page 3

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.

miltens

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		
	ve Area 6 (IA-6) includi	ing AOC 180 (Former Building 86) - Soils
List All AKAs: Roche		
Street Address: 340 Kingsland Street		
Municipality: Nutley	(Township Boroug	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
County: Essex		e: 07110-1199
Program Interest (PI) Number(s): 009949	Case	Fracking Number(s): NJD002191211
SECTION B. REPORT INFORMATION		
Report Name: RAO - Investigative Area 6 (IA-6) incl	uding AOC 180 (Form	er Building 86) - Soils
A CONTRACT OF THE PARTY OF THE	daing AGG 100 (Form	or Building 60/ Cons
Report Date: 08/04/2016		
Federal Traditional Case Type :		
☑ RCRA GPRA 2020 ☐ CERCLA/NP	L USDOD	USDOE
Other (explain):		
SECTION C. PERSON RESPONSIBLE FOR CON	DUCTING THE REME	DIATION INFORMATION AND CERTIFICATION
Full Legal Name of the Person Responsible for Con		
Representative First Name: Thomas Title: Vice President, Site Head	Repres	sentative Last Name Lyon
Phone Number: (973) 562-2210	Ext:	Fax: (973) 562-3977
Mailing Address: 800 Bloomfield Ave., Suite 127	EXI.	Fax. (575) 502-5577
City/Town: Nutley	State: New Jersey	Zip Code: 07110
Email Address: tom.lyon@roche.com	Otato, <u>visiting</u>	
This certification shall be signed by the person respin accordance with Administrative Requirements for	onsible for conducting	the remediation who is submitting this notification
I certify under penalty of law that I have personally e		이 경험 전 기계 경험이 있다면 내용하는데 그렇게 하면 하는데 하네요.
including all attached documents, and that based or	my inquiry of those in	dividuals immediately responsible for obtaining
the information, to the best of my knowledge, I belie aware that there are significant civil penalties for knowledge.		
am committing a crime of the fourth degree if I make	e a written false statem	ent which I do not believe to be true. I am also
aware that if I knowingly direct or authorize the viola	tion of any statute, I ar	m personally liable for the penalties.
Signature	2	Date: 8/3/16
Signature: Name/Title: Thomas Lyon / Vice President, Site Ho	ead	Date. 7/16
Hamer File. The Eyell Floor Feel and The		

SECTION D. LIC LSRP ID Number:	ENSED SITE REMEDIATION PRO	FESS	ONAL INFORMATION AND	STATE	EMENT
First Name: Mi	chael		Last Name: Plumb		
Phone Number:	(978) 970-5600	E	xt:	Fax:	(978) 453-1995
Mailing Address:	650 Suffolk Street				
City/Town: Lov	vell	State:	Massachusetts	Zip	Code: 01854
Email Address:	mplumb@trcsolutions.com				
This statement sh Section 30 b.2.	all be signed by the LSRP who is s	ubmitti	ng this notification in accorda	ance wit	h SRRA Section 16 d. and
	a Licensed Site Remediation Profe he Licensed Site Remediation Profe				10C to conduct business in
[SELECT O	NE OR BOTH OF THE FOLLOWIN	IG AS	APPLICABLE]:		
	versaw and supervised all of the re ly reviewed and accepted all of the			herein.	
I believe that the	information contained herein, and i	ncludin	g all attached documents, is	true, ac	curate and complete.
	ent professional judgment and opin Department, conforms to, and is c				
the knowledge an	decisions in this matter were made nd skill ordinarily exercised by licen N.J.S.A. 58:10C-16, in the State of	sed site	e remediation professionals p	racticing	g in good standing, in
representation or significant civil, a	eant to N.J.S.A. 58:10C-17 that for page certification in any document or informal definition and criminal penalties for conviction of a crime of the third	ormatio , includ	on submitted to the board or ling license revocation or sus	Departn	nent, etc., that there are
LSRP Signature:	mind De	4	7	Date: _	8/18/16
LSRP Name/Title	: Michael Plumb, P.E., LSRP				1 -/
Company Name:	TRC Environmental Corporation	1			

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			
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME			
 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) All soils in IA-6, including AOC 180 (Former Building 86) ———————————————————————————————————			
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?	⊠ No		
6. Does this RAO address a discharge/release from a federally regulated UST?	⊠ No		
SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS			
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	☐ No		
2. Does the language in the issued RAO document conform to the RAO shell document?	☐ 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?	⊠ No		
6. Have any NJDEP-documented deficiencies been addressed in this or prior submission?	X 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
 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: This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*. This RAO is for an Area of Concern only <u>and</u> (check one below):
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 RES-FA Form" available at http://ni.gov/dep/srp/srra/forms

Response Action Outcome Version 3.3 05/27/15





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;

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



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.

Jeffry C Howen

Jeffrey C. Powley, PG, LSRP, Senior Project Director 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 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

(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: 3 28 17 Name/Title: Thomas Lyon / Vice President, Site Head

SECTION D. LIC LSRP ID Number	ENSED SITE REMEDIATION PR 584746	ROFESS	IONAL INFORMATION	AND STATEMENT
	effrey		Last Name: Powley	
Phone Number:	(908) 988-1661	E	xt:	Fax: (908) 464-3712
Mailing Address:	41 Spring Street, Suite 102			
City/Town: Ne	w Providence	State:	New Jersey	Zip Code: 07974
Email Address:	JPowley@trcsolutions.com			
This statement sh Section 30 b.2.	nall be signed by the LSRP who is	submitt	ing this notification in acc	cordance with SRRA Section 16 d. and
I certify that I am New Jersey. As the	a Licensed Site Remediation Prof he Licensed Site Remediation Pro	essional fessiona	authorized pursuant to al of record for this remed	N.J.S.A. 58:10C to conduct business in diation, I:
[SELECT O	NE OR BOTH OF THE FOLLOW	ING AS	APPLICABLE]:	
	versaw and supervised all of the i			ted herein.
I believe that the	information contained herein, and	includin	g all attached document	s, is true, accurate and complete.
It is my independent submission to the	ent professional judgment and opi Department, conforms to, and is	nion tha consiste	t the remediation conductor ont with, the remediation	eted at this site, as reflected in this requirements in N.J.S.A. 58:10C-14.
the knowledge an	decisions in this matter were made ad skill ordinarily exercised by lice N.J.S.A. 58:10C-16, in the State o	nsed site	remediation profession	e care and diligence, and by applying als practicing in good standing, in med these professional services.
representation or significant civil, ac		formations, includ	on submitted to the board ling license revocation of	ely submitting false statement, I or Department, etc., that there are suspension, fines and being punished
LSRP Signature:	Jelly C for	we	4	Date: 3-28-2017
LSRP Name/Title			L SRP	
Company Name:	TRC Environmental Corporation	n		

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 ProtectionSite Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp (For Department use only)

(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
An Oversight involves and Annual Remediation Fees are Full in Full.
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME
Indicate the extent of remediation covered by the Response Action Outcome. Check only 1 boy:
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 □ III □ All soils in IA-7 □ All
☐ Entire Site ☐ ISRA Subject Industrial Establishment (leasehold portion only)
3. Total number of contaminated AOCs associated with the case: 31
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?
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"?
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 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
 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: This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*. This RAO is for an Area of Concern only <u>and</u> (check one below): All soils in IA-7
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 RES-FA Form" available at http://pi.gov/dep/srp/srpa/forms





908.988.1700 PHONE 908.464.3712 FAX

www.trcsolutions.com

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



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



> 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 4 Report Date: 3 28 17 Federal Traditional Case Type: RCRA GPRA 2020 CERCLA/NPL USD Other (explain):	
Full Legal Name of the Person Responsible for Conducting the Re Representative First Name: Thomas Title: Vice President, Site Head Phone Number: (973) 542-8489 Ext:	
Mailing Address: 800 Bloomfield Ave., Suite 127 City/Town: Nutley State: New	lersey 75 Code: 07110
	Jersey Zip Code: 07110
This certification shall be signed by the person responsible for cor in accordance with Administrative Requirements for the Remediat I certify under penalty of law that I have personally examined and including all attached documents, and that based on my inquiry of the information, to the best of my knowledge, I believe that the sur aware that there are significant civil penalties for knowingly submit am committing a crime of the fourth degree if I make a written fals aware that if I knowingly direct or authorize the violation of any states. Signature: Name/Title: Thomas Lyon / Vice President, Site Head	ion of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a). am familiar with the information submitted herein, those individuals immediately responsible for obtaining omitted information is true, accurate and complete. I am titing false, inaccurate or incomplete information and that I be statement which I do not believe to be true. I am also

SECTION D. LIC LSRP ID Number:	ENSED SITE REMEDIATION PF	ROFESS	IONAL INFORMATION A	ND STATEMEN	NT.
	drew		Last Name: Drotleff		
Phone Number:	(908) 988-1617	E	xt:	Fax: (908) 464-3712
Mailing Address:	41 Spring Street, Suite 102				
City/Town: New	w Providence	State:	New Jersey	Zip Code	: 07974
Email Address:	ADrotleff@trcsolutions.com				
This statement sh Section 30 b.2.	all be signed by the LSRP who is	submitt	ing this notification in acco	ordance with SR	RA Section 16 d. and
	a Licensed Site Remediation Prof ne Licensed Site Remediation Pro				o conduct business in
[SELECT O	NE OR BOTH OF THE FOLLOW	ING AS	APPLICABLE]:		
	versaw and supervised all of the i y reviewed and accepted all of th		집에 이용하면 살이 하는 사람이 없었다면 그렇게 되었다.	ed herein.	
I believe that the i	nformation contained herein, and	includin	g all attached documents,	is true, accurate	e and complete.
	ent professional judgment and op Department, conforms to, and is				
the knowledge an	ecisions in this matter were made d skill ordinarily exercised by lice N.J.S.A. 58:10C-16, in the State o	nsed site	e remediation professional	s practicing in g	ood standing, in
representation or significant civil, ac	ant to N.J.S.A. 58:10C-17 that for certification in any document or in Iministrative and criminal penaltie for conviction of a crime of the thin	nformations, include	on submitted to the board ling license revocation or	or Department,	etc., that there are
LSRP Signature:	0.25	1		Date: 43	128/17
LSRP Name/Title:	Andrew Drotleff/Sr. Scientist, L	.SRP			
Company Name:	TRC Environmental Corporation	n			

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 ProtectionSite Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp (For Department use only)

(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 Faid in Full.
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME
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:
Entire Site 49, 67 (Portion) and 146
☐ ISRA Subject Industrial Establishment (leasehold portion only) 3. Total number of contaminated AOCs associated with the case: 6. IA-9 soils only
5. Total number of contaminated AOO3 associated with the case. 0
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?
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"?
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? \boxtimes Yes \square No
4. Are there electronic copies of all remediation related records included with this submission? \square Yes \square No
5. Did the remedial action render the property unusable for future redevelopment or recreation use? \square Yes \square 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
☐ 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 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
 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: This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*. This RAO is for an Area of Concern only <u>and</u> (check one below): 49, 67 (Portion) and 146 □ 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 .



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.

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.



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					
Program Interest (PI) Number(s): 625447	Case Tracking Number	(s): NJD002191211			
SECTION B. REPORT INFORMATION					
Report Name: Response Action Outcome - Investigative	ve Area 10 (IA-10) North				
	67464 16 (N. 16) Helai				
Report Date: 03/14/2018					
Federal Traditional Case Type :					
☑ RCRA GPRA 2020 ☐ CERCLA/NPL	☐ USDOD ☐ USDOE				
Other (explain):					
SECTION C. PERSON RESPONSIBLE FOR CONDU	CTING THE REMEDIATION INFOR	MATION AND CERTIFICATION			
		a Roche Inc.			
Full Legal Name of the Person Responsible for Conduc		1 2 47.91			
Representative First Name: Thomas	Representative Last Na	ime Lyon			
Title: Vice President, Site Head Phone Number: (862) 235-5805	Ext: N/A Fa	N/A			
	EXI: WA	x: N/A			
Mailing Address: 800 Bloomfield Avenue, Suite 127	Now Jorgov	7:- Ondo: 07110			
	tate: New Jersey	Zip Code: 07110			
Email Address: tom.lyon@roche.com					
This certification shall be signed by the person responsin accordance with Administrative Requirements for the					
I certify under penalty of law that I have personally exa					
including all attached documents, and that based on m	y inquiry of those individuals immedi	ately responsible for obtaining			
the information, to the best of my knowledge, I believe aware that there are significant civil penalties for knowledge.					
am committing a crime of the fourth degree if I make a	written false statement which I do no	ot believe to be true. I am also			
aware that if I knowingly direct or authorize the violation		/			
Signature:	Date	e: 3/14/18			
Name/Title: Thomas Lyon / Vice President/Site Head					

SECTION D. LICI LSRP ID Number:	ENSED SITE REMEDIATION PR 585022	OFESS	IONAL INFORMATION AND	STATE	EMENT
First Name: Re	becca		Last Name: Hollender		
Phone Number:	(908) 988-1710	E	xt:	Fax:	(908) 464-3712
Mailing Address:	41 Spring Street, Suite 102				
City/Town: Nev	v Providence	State:	New Jersey	Zip	Code: 07974
Email Address:	rhollender@trcsolutions.com				
This statement sha Section 30 b.2.	all be signed by the LSRP who is	submitti	ng this notification in accorda	ince wit	h SRRA Section 16 d. and
	Licensed Site Remediation Profe e Licensed Site Remediation Pro				10C to conduct business in
[SELECT ON	IE OR BOTH OF THE FOLLOWI	NG AS	APPLICABLE]:		
	versaw and supervised all of the r v reviewed and accepted all of the			erein.	
I believe that the in	nformation contained herein, and	includin	g all attached documents, is t	true, ac	curate and complete.
	nt professional judgment and opi Department, conforms to, and is o				
the knowledge and	ecisions in this matter were made I skill ordinarily exercised by licer I.J.S.A. 58:10C-16, in the State of	sed site	remediation professionals p	racticing	g in good standing, in
representation or o significant civil, ad	ant to N.J.S.A. 58:10C-17 that for certification in any document or in ministrative and criminal penaltie or conviction of a crime of the third	formatic s, includ	n submitted to the board or L ling license revocation or sus e.	Departm	nent, etc., that there are n, fines and being punished
LSRP Name/Title:	Rebecca K. Hollender / Princip	al Consi			
Company Name:	TRC Environmental Corporatio	n			

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 ProtectionSite Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp (For Department use only)

	(For Department use only)			
SE	ECTION A. SITE				
Site Name: Hoffmann-La Roche Inc Investigative Area 10 (IA-10) North - Soils					
Program Interest (PI) Number(s): 625447					
Ca	ase Tracking Number(s) for this submission: NJD002191211				
	This form must be attached to the Cover/Certification Form				
	All Oversight have been and Annual Demodiction Feed and Boild in Full				
A	All Oversight Invoices and Annual Remediation Fees are Paid in Full.				
SE	ECTION 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?	⊠ No			
6.	Does this RAO address a discharge/release from a federally regulated UST?	⊠ No			
SE	ECTION 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?	⊠ No			
5.	Did the remedial action render the property unusable for future redevelopment or recreation use?	⊠ No			
6.	Have any NJDEP-documented deficiencies been addressed in this or prior submission?	⊠ N/A			
	ECTION D. RESPONSE ACTION OUTCOME NOTICES (check all the apply and were used in the RAO document 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 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
 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: This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*. This RAO is for an Area of Concern only <u>and</u> (check one below):
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.



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	(For Department use only)
Site Name: Hoffmann-La Roche Inc Investigative Area 10 (I	A-10) South - Soils
List All AKAs: Roche	7, 10, 200
Street Address: 340 Kingsland Street	
M. Jair et Muffey	ip 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 USE Other (explain):	DOD USDOE
SECTION C. PERSON RESPONSIBLE FOR CONDUCTING THE Full Legal Name of the Person Responsible for Conducting the Representative First Name: Thomas 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 Email Address: tom.lyon@roche.com	Jersey Zip Code: 07110
This certification shall be signed by the person responsible for coin accordance with Administrative Requirements for the Remedia I certify under penalty of law that I have personally examined and including all attached documents, and that based on my inquiry of the information, to the best of my knowledge, I believe that the sufficient that there are significant civil penalties for knowingly submarn committing a crime of the fourth degree if I make a written falso aware that if I knowingly direct of authorize the violation of any statement of the sufficient of th	tion of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a). I am familiar with the information submitted herein, If those individuals immediately responsible for obtaining Instituted information is true, accurate and complete. I am Ititing false, inaccurate or incomplete information and that I se statement which I do not believe to be true. I am also

SECTION D. LIC	ENSED SITE REMEDIATION PR	ROFESS	IONAL INFO	RMATION AND	STATEMENT
LSRP ID Number					
First Name: Re	ebecca		Last Name:	Hollender	
Phone Number:	(908) 988-1710	E	xt:		Fax: (908) 464-3712
Mailing Address:	41 Spring Street				
City/Town: Nev	w Providence	State:	New Jersey		Zip Code: 07974
Email Address:	rhollender@trcsolutions.com				-
This statement sh Section 30 b.2.	all be signed by the LSRP who is	submitti	ng this notifica	ation in accordar	nce with SRRA Section 16 d. and
I certify that I am a New Jersey. As th	a Licensed Site Remediation Profe ne Licensed Site Remediation Pro	essional fessiona	authorized pu	irsuant to N.J.S	A. 58:10C to conduct business in
	NE OR BOTH OF THE FOLLOW				,
directly or	versaw and supervised all of the r y reviewed and accepted all of the	eference	ed remediation	n, and\or	prein
	nformation contained herein, and				
It is my independe	ent professional judgment and opi Department, conforms to, and is o	nion that	the remediati	ion conducted at	this site as reflected in this
My conduct and do	ecisions in this matter were made d skill ordinarily exercised by licen I.J.S.A. 58:10C-16, in the State of	upon th	e exercise of remediation r	reasonable care	and diligence, and by applying
I am aware pursua representation or o significant civil, ad	ent to N.J.S.A. 58:10C-17 that for certification in any document or in ministrative and criminal penalties or conviction of a crime of the third	purpose formatio s, includ	ly, knowingly n submitted to ing license rev	or recklessly sub the board or De ocation or suspe	omitting false statement,
LSRP Name/Title:	Rebecca Hollender/Principal Co	onsultan	t, LSRP		NO. NOVIEW
Company 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 Feed are Boild in Full						
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME						
 Indicate the extent of remediation covered by the Response Action Outcome. Check only 1 box: 						
☑ Unrestricted RAO						
Limited Restricted RAO	Y					
Restricted RAO						
2. Check only 1 box:						
☐ ISRA Subject Industrial Establishment (leasehold portion only)						
3. Total number of contaminated AOCs associated with the case: 12						
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"?	□No					
2. Does the language in the issued RAO document conform to the RAO shell document? X 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?	⊠ No					
5. Did the remedial action render the property unusable for future redevelopment or recreation use?	⊠ No					
6. Have any NJDEP-documented deficiencies been addressed in this or prior submission?	⊠ 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 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	Ī
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 <u>and</u> 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.



Mr. Thomas Lyon Hoffmann-La Roche Inc. September 15, 2016 Page 3

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 ProtectionSite 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 Investigati	ve Area 11 (IA-11) - Soil	s
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 Tr	acking Number(s): NJD002191211
SECTION B. REPORT INFORMATION		
Report Name: RAO - Investigative Area 11 (IA-11) -	Soils	
Report Date: 09/86/2016		
Federal Traditional Case Type :		
⊠ RCRA GPRA 2020 ☐ CERCLA/NP	L USDOD	USDOE
Other (explain):		
SECTION C. PERSON RESPONSIBLE FOR CON	DUCTING THE REMEDI	IATION INFORMATION AND CERTIFICATION
Full Legal Name of the Person Responsible for Con	ducting the Remediation	: Hoffmann-La Roche Inc.
Representative First Name: Thomas		entative 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 respin accordance with Administrative Requirements for I certify under penalty of law that I have personally including all attached documents, and that based of the information, to the best of my knowledge, I belie aware that there are significant civil penalties for known committing a crime of the fourth degree if I make aware that if I knowingly direct or authorize the violations. Signature: Name/Title: Thomas Lyon / Vice President, Site H	the Remediation of Con examined and am familia in my inquiry of those indi eve that the submitted info owingly submitting false, e a written false statemen ation of any statute, I am	taminated Sites rule at N.J.A.C. 7:26C-1.5(a). It with the information submitted herein, ividuals immediately responsible for obtaining formation is true, accurate and complete. I am inaccurate or incomplete information and that I nt which I do not believe to be true. I am also
Trainer Title. Traines Ejoir vioo i rooident olle ii	***	

SECTION D. LICE	ENSED SITE REMEDIATION P	ROFESS	IONAL INFORMATION AN	D STATEMENT		
LSRP ID Number:	584591					
First Name: Peter			Last Name: Grogan			
Phone Number:	(908) 988-1707	E	xt:	Fax: (908) 464-3712		
Mailing Address:	41 Spring Street					
City/Town: New	v Providence	State:	New Jersey	Zip Code: 07974		
Email Address:	pgrogan@trcsolutions.com					
This statement sha Section 30 b.2.	all be signed by the LSRP who is	s submitt	ing this notification in accord	lance with SRRA Section 16 d. and		
	a Licensed Site Remediation Pro e Licensed Site Remediation Pro			S.A. 58:10C to conduct business in on, I:		
[SELECT ON	NE OR BOTH OF THE FOLLOW	VING AS	APPLICABLE]:			
	versaw and supervised all of the v reviewed and accepted all of th			herein.		
I believe that the in	nformation contained herein, and	d includin	g all attached documents, is	true, accurate and complete.		
	nt professional judgment and op Department, conforms to, and is			at this site, as reflected in this uirements 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:	Televa. J.	Jus	W-	Date: 9/15/16		
LSRP Name/Title:	Peter L. Grogan, LSRP/Senio	r Scientis	st	1		
Company 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							
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							
 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							
5. Total number of contaminated Acces associated with the case.							
5. Are there any outstanding contaminated AOCs associated with the case where an RAO has not been filed?	⊠ No						
6. Does this RAO address a discharge/release from a federally regulated UST?	⊠ No						
SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS	□No						
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	□ No						
2. Does the language in the issued RAO document conform to the RAO shell document?							
3. Were all the applicable individuals/agencies noted in the shell document copied on the RAO?	□ No						
4. Are there electronic copies of all remediation related records included with this submission?	⊠ No						
5. Did the remedial action render the property unusable for future redevelopment or recreation use?	⊠ No						
6. Have any NJDEP-documented deficiencies been addressed in this or prior submission?	⊠ N/A						
SECTION D. RESPONSE ACTION OUTCOME NOTICES (check all the apply and were used in the RAO docume	ıt)						
1. General Notices							
 Well Decommissioning ⋈ Building Interiors Not Addressed (Non-Child Care) 							
☐ Building Interiors Addressed							

	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
	SRA 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. A	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
SEC	CTION E. REMEDIATION FUNDING SOURCE
1. F	Has a Remediation Funding Source been posted for this site pursuant to N.J.A.C. 7:26C-5?⊠ Yes ☐ No
1	f "Yes, check a. or b. below as applicable:
a	a. This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*.
b	o. X 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.
	e: If any box in a. or b. above identified with an asterisk (*) is checked, be sure to include the completed "Remediation at 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

						(FOI	Department use	only)
SECTION	A. SITE NAME AND LOCATION	N						
Site Name	: Hoffmann - La Roche Inc. Inv	estiga	ative Area 12	2 (IA-12)				
List All AK	As:							
Street Add	ress: 340 Kingsland Street							
Municipalit	y: Nutley			(Town	ship, Borough	or City)		
County:	Essex			Zip Co	ode: 07110			
	nterest (PI) Number(s): 00994	9						
	king Number(s) for this submission	on:	NJD002191	211, E201	20170			
	Block(s) and Lot(s):							
Block #:	80.02 (in Clifton) Lot #: 1,	3 4		Block #		Lot	#:	
Block #:							#:	
Block #:				Block #		Lot		
Block #:	Lot #:			_ Block #	•	Lot	#:	
	rsight Invoices and Annual Reme the following Submission and Pe				l.			
		N/A	Included in This Submission	Previously Submitted	Date of Submission	Date of Revised Submission	Date of Previous NJDEP Approval	Date of Document Withdrawal
	Soil Remediation Standard creening level Application Form	×						
	ntory Document							
Rule Auth	to Ground Water Permit by norization Request	\boxtimes						
IEC Engine Report	eered System Response Action	×						
Immediate Report	Environmental Concern	×						
LNAPL Inte	erim Remedial Measure Report	X						
Preliminar	y Assessment Report			\boxtimes	05/01/1998			
Public Not	ification			\boxtimes	04/11/2014			
Receptor E	Evaluation			\boxtimes	02/01/2011			
Remedial	Action Report			X	09/02/2014			
Remedial	Action Work Plan			X	04/01/2014			
Remedial	Investigation Report			\boxtimes	07/17/2013			
Response	Action Outcome		\boxtimes					
Site Invest	igation Report	X						
Technical	Impracticability Determination	X						
	cern Mitigation Report	X						

Permit Application – list:	X						
T							
Radionuclide Remedial Investigation Workplan	\boxtimes						
Radionuclide Remedial Investigation Report	×						
Radionuclide Remedial Action Workplan	\boxtimes						
Radionuclide Remedial Action Report	X						
SECTION C. SITE USE							
Current Site Use (check all that apply) ☐ Industrial ☐ Agricultura ☐ Residential ☐ Park or red ☐ Commercial ☐ Vacant ☐ School or Childcare ☐ Governme ☐ Other: parking lot	creation		☐ Indu	Future Use (ch strial dential mercial pol or Childcare	☐ Park o ☐ Vacant ☐ Govern ☐ Wature	r recreational use t nment site use unknowr	
SECTION D. CASE TYPE: (check all that	apply)						
 □ Administrative Consent Order (ACO □ Brownfield Development Area (BDA □ Child Care Facility □ Chrome Site (Chromate chemical pr □ Coal Gas □ Due Diligence with RAO □ Hazardous Discharge Remediation □ Grant/Loan ☑ ISRA 	oductic		☐ Re	nool Developm nool facility Il Act Defense Il Act Discharg T Grant/Loan	ground Storagement (RA)/ ent Authority – Governmen	Remediation Cer (SDA)	tification
Federal Case (check all that apply)							
☑ RCRA GPRA 2020 ☐ CEF	RCLA/N	IPL 🗌	USDOD	USDOE	Ē		
1. Is the party conducting remediation a g						Yes	⊠ No
If "Yes," check one:		State	☐ Municip	oal County	/		
SECTION E. SCOPE OF THE RESPONS 1. Indicate the extent of remediation cover Check only 1 box: Unrestricted RAO Limited Restricted RAO Restricted RAO				Outcome.			
 Check only 1 box: ☑ Area(s) of Concern Only (Indext) ☑ Entire Site ☑ ISRA Subject Industrial Establish 							
3. Total number of contaminated AOCs as	ssociate	ed with the	case: 2	(IA-	12 soils	only)	
4. Total number of contaminated AOCs ad							
5. Are there any outstanding contaminate has not been filed?	d AOC	s associated	d with the	case where an	RAO		⊠ No

SECTION F. RESPONSE ACTION OUTCOME PREPARATION CHECKS	
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	No No No No
SECTION G. 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 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 X No	
If "Yes, check a. or b. below as applicable:	
 a. This RAO is for the entire site <u>and</u> 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	n

SECTION I. PERSON RESPONSIBLE FOR COND	DUCTING T	HE REMEDIAT	TION INFORMATION AND CERTIFICATION
Full Legal Name of the Person Responsible for Con	ducting the	Remediation:	Hoffmann-La Roche Inc.
Representative First Name: Thomas	12122	Representat	tive Last Name: Lyon
Title: Vice President, Site Head			
Phone Number: (973) 562-2210	Ext:		Fax: (973) 562-3977
Mailing Address: 340 Kingsland Street			
City/Town: Nutley	State:	New Jersey	Zip Code: 07110
Email Address: tom.lyon@roche.com			
This certification shall be signed by the person resp accordance with Administrative Requirements for the			
I certify under penalty of law that I have personally all attached documents, and that based on my inquinformation, to the best of my knowledge, I believe that there are significant civil penalties for knowingly committing a crime of the fourth degree if I make a that if I knowingly direct or authorize the violation of Signature:	iry of those that the sub y submitting written false	individuals imm mitted informati g false, inaccura e statement whi	nediately responsible for obtaining the ion is true, accurate and complete. I am aware the or incomplete information and that I am ich I do not believe to be true. I am also aware
Name/Title: Thomas Lyon/ Vice President, Site	Head		
Company Name: Hoffmann - La Roche Inc.			
	No	o changes to c	ontact information since last submission

Phone Number: (908) 988-1710 Ext: Fax: (908) 464-3712 Mailing Address: 41 Spring Street City/Town: New Providence State: New Jersey Zip Code: 07974 Email 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 (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 and (2)). I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business 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 knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accord 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 punish imprisonment for conviction of a crime of the third degree.	First Name: Reb	ecca		Last Name: Holle	ender		
City/Town: New Providence State: New Jersey Zip Code: 07974 Email 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.2008 (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 and (2)). I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business 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 knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in according the 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 punish imprisonment for conviction of a crime of the third degree.							
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This statement shall be signed by the LSRP who is submitting this notification in accordance with section 14 of P.L.2009 (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 and (2)). I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business 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 knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accommodate to 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 punish imprisonment for conviction of a chime of the third degree.		Providence		State: New Jersey	Zip Code: 07974		
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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 knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in according 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 punish imprisonment for conviction of a crime of the third degree.	I believe that the i	information contained herein, a	nd including	all attached documents, is	true, accurate and complete.		
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	representation or significant civil, ac	certification in any document of dministrative and criminal pena conviction of a crime of the thir	r information Ities, includin d degree.	submitted to the board or g license revocation or su Date:	Department, etc., that there are		
LSRP Name/Title: Rebecca K. Hollender/ Principal Consultant Company Name: TRC Environmental Corporation				tant			

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





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).

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



Mr. Thomas Lyon Hoffmann-La Roche Inc. March 29, 2017 Page 3

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 1	13 (IA-13) - Soils
List All AKAs: Roche	
Street Address: 340 Kingsland Street	
Municipality: Nutley (Tow	nship 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 :	
[1] 2 [1] 1 [2] 1 [1] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2] 1 [2	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	
Representative First Name: Thomas	Representative Last Name Lyon
Title: Vice President, Site Head	Nepresentative Last Harrie
The second secon	ext: Fax: (973) 542-8491
Mailing Address: 800 Bloomfield Ave., Suite 127	
	New Jersey Zip Code: 07110
Email Address: tom.lyon@roche.com	W 11 / 12 / 12 / 12 / 12 / 12 / 12 / 12
in accordance with Administrative Requirements for the Reministrative Requirements for the Reministrative I certify under penalty of law that I have personally examined including all attached documents, and that based on my inquitive information, to the best of my knowledge, I believe that the aware that there are significant civil penalties for knowingly so am committing a crime of the fourth degree if I make a written aware that if I knowingly direct or authorize the violation of an	and am familiar with the information submitted herein, iry of those individuals immediately responsible for obtaining the submitted information is true, accurate and complete. I am submitting false, inaccurate or incomplete information and that I in false statement which I do not believe to be true. I am also my statute, I am personally liable for the penalties.
Signature:	Date: 3/21/17
Name/Title: Thomas Lyon / Vice President, Site Head	

SECTION D. LIC LSRP ID Number:	ENSED SITE REMEDIATION PR 585022	OFESS	IONAL INFORMATION AND	STAT	EMENT
First Name: Re	ebecca		Last Name: Hollender		
Phone Number:	(908) 988-1710	E	xt:	Fax:	(908) 464-3712
Mailing Address:	41 Spring Street, Suite 102				
City/Town: New	w Providence	State:	New Jersey	Zip	Code: 07974
Email Address:	RHollender@trcsolutions.com				
This statement sh Section 30 b.2.	all be signed by the LSRP who is	submitti	ng this notification in accorda	nce wit	th SRRA Section 16 d. and
	a Licensed Site Remediation Profe ne Licensed Site Remediation Prof				10C to conduct business in
[SELECT O	NE OR BOTH OF THE FOLLOWI	NG AS	APPLICABLE]:		
	versaw and supervised all of the r ly reviewed and accepted all of the			erein.	
I believe that the i	information contained herein, and	includin	g all attached documents, is t	rue, ac	curate and complete.
	ent professional judgment and opi Department, conforms to, and is o				
the knowledge an	lecisions in this matter were made d skill ordinarily exercised by licer N.J.S.A. 58:10C-16, in the State of	sed site	remediation professionals pr	acticin	g in good standing, in
representation or significant civil, ac	ant to N.J.S.A. 58:10C-17 that for certification in any document or in dministrative and criminal penalties for conviction of a crime of the third	formations, includ	on submitted to the board or D ling license revocation or susp e.	epartn	nent, etc., that there are
LSRP Name/Title	Rebecca K. Hollender / Princip	al Cons	ultant, LSRP		:
Company Name:	TRC Environmental Corporatio	n			

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 ProtectionSite Remediation Program

RESPONSE ACTION OUTCOME FORM

Date Stamp (For Department use only)

	(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/Certif	fication Form				
SECTION B. SCOPE OF THE RESPONSE ACTION OUTCOME					
 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: 1	A-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 has not been filed?					
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 doc	cument? 🗵 Yes 🗀 No				
3. Were all the applicable individuals/agencies noted in the shell document copied	d on the RAO? ⊠ Yes ☐ No				
4. Are there electronic copies of all remediation related records included with this	submission? Yes X 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 sub	omission?				
SECTION D. RESPONSE ACTION OUTCOME NOTICES (check all the apply and 1. General Notices Well Decommissioning Building Interiors Not Addressed (Non-Child Care) Building Interiors Addressed	d were used in the RAO document)				

*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 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
 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: This RAO is for the entire site <u>and</u> serves as notice to the NJDEP to return the Remediation Funding Source posted for this site*. This RAO is for an Area of Concern only <u>and</u> (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 RES-FA Form" available at http://ni.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 onsite 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) Upl Report Date: 06/22/2016	pland Portion - Soils			
Federal Traditional Case Type :	Пистор			
☑ RCRA GPRA 2020 ☐ CERCLA/NPL ☐ Other (explain): ☐	USDOD USDOE			
SECTION C. PERSON RESPONSIBLE FOR CONDU	UCTING THE REMEDIATION INFORMATION AND CERTIF	ICATION		
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: Date: Date:				
Marile Tille. Thomas Lyon / Vice Fresident, Oile Freat	au .			

SECTION D. LIC LSRP ID Number	ENSED SITE REMEDIATION PR 587674	OFESS	IONAL INFORMATION AND	STATEMENT
First Name: Ro	bbert		Last Name: Lippencott	
Phone Number:	(908) 988-1628	Е	xt:	Fax: (908) 464-3712
Mailing Address:	41 Spring Street			
City/Town: Ne	w Providence	State:	New Jersey	Zip Code: 07974
Email Address:	RLippencott@trcsolutions.com			
This statement sh Section 30 b.2.	all be signed by the LSRP who is	submitti	ing this notification in accorda	ance with SRRA Section 16 d. and
	a Licensed Site Remediation Prof ne Licensed Site Remediation Pro			S.A. 58:10C to conduct business in on, I:
[SELECT O	NE OR BOTH OF THE FOLLOW	NG AS	APPLICABLE]:	
	versaw and supervised all of the r ly reviewed and accepted all of the			nerein.
I believe that the	information contained herein, and	includin	g all attached documents, is	true, accurate and complete.
	ent professional judgment and opi Department, conforms to, and is			
the knowledge an	lecisions in this matter were made of skill ordinarily exercised by lice N.J.S.A. 58:10C-16, in the State o	nsed site	e remediation professionals p	racticing in good standing, in
representation or significant civil, ac	ant to N.J.S.A. 58:10C-17 that for certification in any document or ir dministrative and criminal penaltie for conviction of a crime of the thir	formations, includ	on submitted to the board or l ling license revocation or sus e.	
LSRP Name/Title	Robert J. Lippencott, Ph.D., LS	RP / Te	ch. Director	
Company Name:	TRC Environmental Corporation	n		

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)

	(For Department use only)				
SECTION A. SITE					
Site Name: Hoffmann-La Roche Inc Investigative Area 14 (IA-14) Upland Portion - Soil	3				
Program Interest (PI) Number(s): 614465					
Case Tracking Number(s) for this submission: NJD002191211					
This form must be attached to the Cover/Certification Form					
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:					
3. Total number of contaminated AOCs associated with the case: 5	Upland Portion) soils only				
4. Total number of contaminated AOCs addressed in this submission: 5	-14 (Upland Portion) soils only				
5. Are there any outstanding contaminated AOCs associated with the case where an RA has not been filed?					
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?					
5. Did the remedial action render the property unusable for future redevelopment or red	reation use? Yes 🗵 No				
6. Have any NJDEP-documented deficiencies been addressed in this or prior submission	n? Yes □ No ☒ N/A				
SECTION D. RESPONSE ACTION OUTCOME NOTICES (check all the apply and were 1. General Notices Well Decommissioning Building Interiors Not Addressed (Non-Child Care) Building Interiors Addressed	used in the RAO document)				

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 Remediation Document	
3 ISPA Specific Notices	
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 <u>and</u> 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 ProtectionSite 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	
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	
	☐ No
6. Does this RAO address a discharge/release from a federally regulated UST?	☐ No
SECTION C. RESPONSE ACTION OUTCOME PREPARATION CHECKS	
1. Was the RAO issued only to the "Person(s) that conducted the Remediation"?	☐ 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?	☐ No
4. Are there electronic copies of all remediation related records included with this submission?	☐ No
5. Did the remedial action render the property unusable for future redevelopment or recreation use?	☐ 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	
☐ 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
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 <u>and</u> (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 RES-FA Form" available at http://pi.gov/dep/srp/srpa/forms

Response Action Outcome Version 3.4 11/15/19



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 Tra	acking 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 REMEDIA	ATION INFORMATION AND CERTIFICATION			
Full Legal Name of the Person Responsible for Conducting the Remediation: Hoffmann-La Roche Inc.				
Representative First Name: Chandra Represe	ntative 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 9 2			
Name/Title: Chandra Patel/Director Site EH&S and Nutley Safety and Env.	1 1			