

**ATTACHMENT F**

**ALTERNATIVE OR NEW REMEDIATION STANDARD AND/OR  
SCREENING LEVEL APPLICATION FORM**



**New Jersey Department of Environmental Protection  
Site Remediation Program**

**ALTERNATIVE OR NEW REMEDIATION STANDARD  
AND/OR SCREENING LEVEL APPLICATION FORM**

Date Stamp  
(For Department use only)

**NOTE:** This form shall be completed for all contaminants for which a direct contact exposure pathway alternative or new remediation standard, alternative impact to ground water soil remediation standard, alternative vapor intrusion screening level, ecological risk-based remediation goal, and/or ecological risk management decision goal is being implemented and/or requested for a site or area of concern. The form shall be used regardless of whether Department pre-approval is required.

**SECTION A. SITE NAME AND LOCATION**

Site Name: Berry Lane Park (including the former Morris Canal, Chromium Site 121 and Chromium Site 207 (COPR))

List all AKAs: \_\_\_\_\_

Street Address: see attached list

Municipality: Jersey City (Township, Borough or City)

County: Hudson Zip Code: 07304

Program Interest (PI) Number(s): 568229

Case Tracking Number(s): 66628 (Chromium Site 121); 80621 (Chromium Site 207)

**SECTION B. REMEDIATION STANDARD NOTIFICATION SPREADSHEET**

Complete and attach the Remediation Standard Notification Spreadsheet which can be found at:  
<http://www.nj.gov/dep/srp/srra/forms/>. This form will not be processed by the NJDEP if the spreadsheet is not attached.

**SECTION C. PURPOSE FOR SUBMISSION**

Pre-Approval Required:

- Ingestion/Dermal Alternative Soil Remediation Standard
- Inhalation Alternative Soil Remediation Standard  
(New Toxicity Data, New Modeling, etc.)
- Development of New Remediation Standard
- Ecological Risk Based Remediation Goal
- Ecological Risk Management Decision Goal

No Pre-Approval Required:

- Inhalation Alternative Soil Remediation Standard  
(Calculation Spreadsheet)
- Impact to Groundwater Alternative Soil Remediation Standard
- Vapor Intrusion Alternative Screening Level
- Development of New Vapor Intrusion Screening Level

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

Full Legal Name of the Person Responsible for Conducting the Remediation: Jersey City Redevelopment Agency

Representative First Name: David Representative Last Name: Donnelly

Title: Executive Director

Phone Number: (201) 761-0821 Ext: NA Fax: \_\_\_\_\_

Mailing Address: 66 York Street, 3rd Floor

City/Town: Jersey City State: New Jersey Zip Code: 07302

Email Address: ddonnelly@jcnj.org

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

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

Signature:   
Name/Title: David Donnelly/Executive Director

Date: 6/22/2014

No changes to contact information since last submittal

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

LSRP ID Number: 585012

First Name: John F.

Last Name: Tregidgo

Phone Number: (973) 696-2600

Ext: 348

Fax: (973) 696-1362

Mailing Address: 55 Lane Road, Suite 220

City/Town: Fairfield

State: New Jersey

Zip Code: 07004

Email Address: jtregidgo@dresdnerrobin.com

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

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

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

*directly oversaw and supervised all of the referenced remediation, and/or*

*personally reviewed and accepted all of the referenced remediation presented herein.*

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

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

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

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

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

*John F. Tregidgo*

Date: \_\_\_\_\_

*6/22/2016*

LSRP Name/Title: \_\_\_\_\_

John F. Tregidgo/Senior Project Manager

Company Name: \_\_\_\_\_

Dresdner Robin

**No changes to contact information since last submittal**

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

**Section A.**  
**Site Address and Block and Lots**

<u>Address</u>	<u>Block</u>	<u>Lot</u>
65 Woodward Ave.	19803	4, 5
948 Garfield Ave.	19803	11
970, 972, 974, 976, 978, 980 and 984 Garfield Ave.	19803	16, 17, 18, 19, 20, 1
958, 960, 964 and 966 Garfield Ave.	19803	12, 13, 14
942, 944 and 946 Garfield Ave.	19803	8, 9, 10, 21
968 Garfield Ave.	19803	15
990 Garfield Ave.	18901	1
1000 Garfield Ave.	18901	2
75 Woodward Ave.	19803	3
1 Berry Road	18901	Portion of 18
	17301	10 (northern side of Communipaw Ave.)
125 Woodward Street	18901	18



Instructions

Clear Form

### REMEDIATION STANDARD NOTIFICATION SPREADSHEET

Site Name: Berry Lane Park

Program Interest Number: 568229

**ALTERNATIVE STANDARDS OR SCREENING LEVELS REQUESTED/IMPLEMENTED**

<b>Chemical Name</b>	<b>CAS</b>	<b>Concentration on Site</b> (include units)	<b>Range</b> (include units)	<b>ARS / Screening Level</b>	<b>Scenario</b>	<b>Type of Standard</b>	<b>Default Remediation Standard / Screening level</b> (include units)	<b>Proposed Remediation Standard / Screening level</b> (include units)
total lead	7439-92-1	0.27 U mg/kg	to 91 mg/kg	Impact to Ground Water – SPLP	Non-residential	Alternative	59 mg/kg	90.6 mg/kg

NJDEP SPLP Spreadsheet, V3.1, November 2013

Case name/area of concern:	Berry Lane Park
Case number:	568229
Sampling date:	9/19/2012

Contaminant:	Lead (total)
CAS No:	7439-92-1
Water solubility (mg/L):	NA
Aqueous reporting limit (µg/L):	5.00E+00
Soil reporting limit (mg/kg):	1.00E+00
Health-based GWQC (µg/L):	5.00E+00
DAF (20, or site-specific if approved):	20
Leachate Criterion (µg/L):	1.00E+02
Henry's law constant (dimensionless):	0.00E+00

NOTE:

USE ONE PAGE PER CONTAMINANT, do not leave empty rows between samples  
 Do not enter samples with soil concentrations at or below the reporting limit  
 When leachate concentration is non-detect, enter the aqueous reporting limit  
 Enter site-specific dilution-attenuation factor (DAF) if desired

Data entry cells (do not skip rows)
Optional data entry
Calculated or locked cells
Indicates that Alternative Remediation Standard needs to be recalculated

Sample ID	Soil sample weight (kg)	Leachate Volume (L)	Total Soil Concentration (mg/kg)	SPLP Leachate Concentration (µg/L)	Final pH of Leachate (except VOCs)	Optional data				Kd (L/kg)	% Contaminant in Leachate	Field leachate concentration (µg/L)	Pass or fail?
						Sampling Depth (ft)	Soil Type	Organic Carbon (mg/kg)	Organic Carbon (%)				
CF-39	0.01	0.2	90.6	65	7.06					1373.8	1.43	65.94	PASS
CF-39	0.01	0.2	90.6	65	7.06					1373.8	1.43	65.94	PASS
CF-39	0.01	0.2	90.6	65	7.06					1373.8	1.43	65.94	PASS

SPLP RESULTS for

OPTION 1a: All adjusted leachate concentrations are below the leachate criterion

REMEDIATION STANDARD = 90.6 mg/kg

OPTION 1b: Simple inspection of tabulated results to find highest acceptable standard

EVERYTHING PASSED, OPTION 1b NOT VALID

OPTION 2: Remediation standard using site-specific Kd value

Kd ratio = 1.00, AVERAGING Kds OK

Kd USED FOR CALCULATING STANDARD = 1373.85 L/kg

result before rounding = 137.3999 mg/kg

REMEDIATION STANDARD = 91 mg/kg (controlled by maximum soil concentration)

OPTION 3: Remediation standard using linear regression

Number of points = 3

All soil concentrations are the same value. The slope cannot be calculated.