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September 22, 2015

Mr. James Haklar
USEPA Facilities
Raritan Depot
2890 Woodbridge Avenue
Edison, NJ 08837-3679

Re: Revised Pages and MMIP for Request for Approval of TSCA Risk-Based Clean-Up of PCBs
370 Jay Street, Brooklyn, NY 11201
TRC Project # 221253.0000.0000

Dear Mr. Haklar:

Thank you for your assistance. Attached are the revised documents for the submittal referenced above. Based on discussions with EPA, TRC has incorporated some minor changes for your review.

Should you have any questions or need additional information, please do not hesitate to contact us at (212) 221-7822.

Very truly yours,
TRC ENVIRONMENTAL CORPORATION

Daren J. Bryant
Senior Project Manager

Attached: *One (1) copy of final submittal of the Risk-Based Clean-Up of PCBs for 370 Jay Street*
One (1) copy of final submittal of the Maintenance and Monitoring Implementation Plan (MMIP)

REQUEST FOR APPROVAL OF TSCA RISK-BASED CLEAN-UP OF PCBS

370 JAY STREET BROOKLYN, NEW YORK

Site Location

370 JAY STREET
BROOKLYN, NY 11201

Prepared For

NEW YORK UNIVERSITY

10 Astor Place, 6th Floor
New York, New York 10003

Prepared By

TRC Environmental Corporation
1430 Broadway, 10th Floor
New York, New York 10018

September 22, 2015

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1.0 INTRODUCTION

TRC Environmental Corporation (TRC) has prepared this Request for Approval of a Risk-Based Clean-Up of Polychlorinated Biphenyls (PCBs) (Request) in accordance with the Toxic Substances Control Act (TSCA), on behalf of New York University (NYU). The Request is provided for planned exterior window activities associated with the full gut renovation of the former Metropolitan Transit Authority (MTA) headquarters building, located at 370 Jay Street located in downtown Brooklyn, New York (Site). NYU is currently in a 99 year lease/buyout authorization agreement with the New York City Economic Development Corporation (NYCEDC) in regard to the Site (as of March 7, 2015) and will have legal authorization to act as the Owner. NYU will have contract oversight for the work contained in this Request and, therefore, will be responsible for the clean-up.

- Multiple exterior caulk material samples around exterior windows have been identified as containing PCBs at concentrations greater than 50 parts per million (ppm). It is believed that the caulk was manufactured containing PCBs and therefore defined as PCB Bulk Product Waste. Materials abutting PCB Bulk Product Waste have also been identified in concentrations exceeding 1 ppm and therefore are defined by TSCA as PCB Remediation Waste. This Request is provided to support the exterior window replacement activities where PCB Bulk Product Waste and PCB Remediation Waste have been identified. As these window areas are exterior locations at elevation, they are considered low occupancy areas per §761.3. In summary, all PCB Bulk Product Waste associated with the window replacement will be removed and PCB Remediation Waste exceeding 25 ppm encapsulated.

The goal of Site remediation detailed in this Request is to achieve compliance with applicable federal regulations as stated in 40 CFR §761.61(a), §761.61(c), §761.62(a), for a risk-based clean-up plan.

Correspondences of final approvals or actions should be addressed to:

Entity:	New York University
Address:	10 Astor Place, 6th Floor
	New York, NY 10003
Contact:	Stephanie Kung
Telephone:	(212) 998-1439
Email:	stephanie.kung@nyu.edu

2.0 SITE BACKGROUND AND HISTORY

2.1 Subject Building Description and Location

The Site was the former MTA headquarters with an original certificate of occupancy by the New York City Department of Buildings in 1951 for the New York City Transit Authority. It is a fourteen story building with three (3) mechanical penthouse floors (fifteenth, sixteenth, and sixteenth floor plenum floors). The building consists of approximately 460,000 square feet of offices and workshops above ground in an L-shaped layout. The building located along Jay Street from Willoughby Street at the south to Renaissance Plaza at the north, then west to Pearl Street Extension. Two (2) exterior ground floor arcades on the north and south ends of the Jay Street provide stair, escalator and elevator access to the Jay Street-Metrotech subway station below and provide access to the building entrances. Below-grade, part of the building footprint is occupied by the subway station. The remaining space is primarily parking, storage and building service areas on two levels accessible on the north side, with five levels of accessible storage from the south side, and additional dedicated areas used for subway/police communications to be reserved for MTA operations essential to subway service below. Future use of the building will consist of university classrooms and office spaces for the Center for Urban Studies and Progress (CUSP), part of the NYU Polytechnic School of Engineering.

2.2 Subject Building Construction and Renovation History

The subject building was constructed in 1951 and remains intact and primarily un-renovated with the exception of the fourteenth floor of the main portion of the building. Interior walls are constructed primarily of plaster and drywall with concrete floors and ceilings. Support columns and beams are constructed of structural steel and reinforced concrete and the façade is primarily bare limestone with metal windows. One (1) set of fire stairs is situated in the subject building core, adjacent to a bank of elevators that serve the structure. An external stair tower is located on the southwest side of the building. NYU is planning a gut renovation of the entire building including replacement of approximately 1,100 exterior windows and 64 exterior doors. The total NYU gross building renovation area will be approximately 460,000 SF.

2.3 Previous PCB Investigations

GZA Environmental Inc. (GZA) conducted a hazardous materials inspection in conjunction with a Phase I Environmental Site Assessment in May and June 2012. In the report, "Hazardous Materials Investigation Report 370 Jay Street Brooklyn New York", dated August 2012, GZA identified exterior window caulking material as potentially PCB containing. Initial samples of the caulking materials were collected from accessible areas and analyzed using EPA Method 8082. The results indicated that the window caulk material was both asbestos-containing material (ACM) and PCB bulk product waste, with PCB sample results ranging from 17,000 to 74,000 ppm as presented in the GZA GeoEnvironmental, Inc. Hazardous Materials Investigation Report, dated August 2012. Please note that no appendices including sample location drawings, analytical results or chain-of-custodies were included with this report.

After the caulk sample results were reviewed, the porous limestone and granite facade panels, to which the caulking with PCBs $\geq$50 ppm was attached, were sampled by GZA at 1-inch, 3-inch, 6-inch, and 12-inch distances from the PCB caulk bead at three (3) exterior locations. Only the 1" and 3" distance samples were analyzed, with the other samples held for possible analysis. The three (3) exterior locations were windows off of the second floor setback roof, seventh floor north setback roof, and fourteenth floor main roof areas. PCB samples 1-4 were collected of limestone from the 2nd floor facade accessed from the west setback roof; PCB samples 5-8 were collected of limestone from the 7th floor facade accessed from the north setback roof; and PCB samples 9-12 were collected of the stucco material from the 14th floor south and east facades. Of the six (6) samples analyzed, PCBs were detected in two (2) samples representing the limestone facade collected at the 1" distance. PCBs were not detected in the samples collected at the 3" distances. Two (2) PCB samples representing the 1" distance sample collected from the limestone facades were 3 ppm and 3.4 ppm.

GZA concluded that PCB window caulking with PCB concentrations $\geq$ 50 ppm is not authorized for use according to EPA, and must be disposed of as PCB bulk product waste according to 40 CFR 761.62. PCB remediation waste (porous facade stone) contaminated by the surrounding window caulking is subject to the cleanup and disposal requirements of 40 CFR 761.61.

ALC Environmental (ALC) was retained by NYU in March 2014 to perform supplemental asbestos and PCB sampling. Several Progress Memorandums and Meeting Minutes between NYU and ALC, dated March 28, 2014 to August 7, 2014, indicated ALC's progression of work performed at the Site. The sample summary table and laboratory results from ALC and Phoenix Environmental Laboratories, Inc. identify PCB caulk (≥50 ppm) around the windows on the third through thirteenth floor elevations on the north, south, east or west facades ranging from 82 ppm to 97,000 ppm. There was also one (1) sample collected from a window on the fourteenth floor elevation (no indication on which façade it was collected) which had a concentration of 5,300 ppm. Caulk samples collected from the first floor, second floor and roof parapet and roof facade had PCB concentrations below 50 ppm.

As a result of the findings from both the GZA and ALC investigations, TRC was requested by NYU to perform additional quality assurance sampling of caulk materials, perform a detailed caulk substrate characterization, and develop a remedial approach for the ACM/PCB window caulk at 370 Jay Street in Brooklyn, New York. The following presents the results of the additional sampling efforts and the remedial approach.

2.4 PCB Characterization Sampling

This section outlines the additional building material PCB characterization sampling that has been conducted by TRC in addition to the aforementioned previous PCB investigations at the Site. Sampling evaluated items identified by NYU as to be disturbed during proposed exterior window replacement activities.

TRC conducted a survey and sampling of areas of the proposed window replacement on the interior and exterior of the building between August 6, 2014 and October 10, 2014. A combination of twenty-one (21) discrete and twelve (12) composite samples were collected of caulk materials. For discrete samples, one (1) discrete sample was collected of each homogenous caulk material. For composite samples, three (3) sub-samples (approximately 10 grams each) of each homogenous caulk material were collected to form a composite material. The laboratory created one (1) composite sample of each homogenous caulk material from equal mass portions of the sub-samples. Sampling methodology for the caulk

involved removing and collecting all layers of caulk applied down to the substrate at each location. Caulk samples were collected with hand tools.

The Site was surveyed following techniques generally employed in the Building Sciences industry to identify, locate and sample homogeneous building materials (i.e. Asbestos survey approach). TRC was able to access the exterior of the building, at all elevations, by utilizing suspended scaffolds and a scissor lift which were already in place for exterior façade probes by the general contractor onsite.

Limestone and stucco substrate samples were collected in general accordance with Region I, EPA-New England, *Standard Operating Procedure for Sampling Porous Surfaces for PCBs* (May 5, 2011). A rotary hammer drill with a 1-inch carbide drill bit was used to drill ½-inch into the facade. Each ½-inch penetration generated approximately 10 grams of powder. Multiple holes were located closely adjacent to each other to generate sufficient sample volume. The fine powder cuttings from drilled holes were collected in laboratory-cleaned jars, and sent to the laboratory for analysis. Sample collection tools were decontaminated including a hexane rinse between samples. Daily equipment rinsate blanks were collected with use of a solvent prior to all sampling activities to verify cleaning procedures and avoidance of cross-contamination between sampling events.

All samples were hand delivered under chain-of-custody procedures to EMSL Analytical, Inc. (EMSL), New York, New York and then couriered or transported via express delivery to EMSL Cinnaminson, New Jersey laboratory for analysis. Samples were analyzed following EPA Method 3540C for soxhlet extraction with analysis by EPA Method 8082.

A total of 148 representative samples were collected from multiple elevations, covering all of the facades, and submitted for PCB laboratory analysis, as summarized below:

- 15 exterior window frame caulk samples;
- 5 window glazing samples;
- 5 exterior door frame caulk samples;
- 8 parapet caulk samples;
- 113 limestone samples; and
- 2 stucco samples.

Please note that as stated previously, TRC's investigation and sampling strategy was prepared in order to supplement previous investigations and sampling conducted by both GZA and ALC. TRC reviewed this previous data and collected either confirmatory window frame caulk samples or samples of window frame caulk not previously identified, hence the reason for collecting only 15 additional samples (15 total window frame caulk samples). Two (2) additional stucco samples had been collected and analyzed as there had been uncertainty where a previous window frame caulk was sampled by ALC on the 14th floor with results at 5,300 ppm. During TRC's investigation, it was identified that the ALC window frame caulk sample in question from the 14th floor had actually been collected from the exterior stairwell (limestone façade) and not from the limited area of newer construction where the stucco is present. The stucco substrate samples were found to be non-detect for PCBs and both the initial caulk on stucco sample results from ALC as well as confirmatory caulk on stucco sampling performed by TRC were found to be below 50 ppm.

Approximate substrate sample locations are shown on Figures PCB101.00 to PCB104.00.

As described further in the next section, window caulk and glazing above the first floor was found to be greater than 50 ppm PCB and therefore PCB bulk product waste. Limestone façade substrate immediately adjacent to the PCB caulk was found to be above 1 ppm PCB and therefore PCB remediation waste. Note that all window and door caulk identified and sampled on the first floor associated with the granite substrate was determined to be < 50 ppm and considered Excluded PCB Products. TRC also characterized the presence of asbestos at the Site to facilitate window/door replacement. TRC confirmed that the exterior window caulk and the window glaze are also asbestos-containing materials as defined by applicable rules and regulations.

2.5 PCB Laboratory Analysis Results

PCBs were identified in some of the materials analyzed. The following subsections are organized by building material type. The laboratory analytical reports are attached in Appendix 1, and laboratory results are tabulated in Table 1.

2.5.1 Caulk Sampling

TRC analyzed 15 caulk samples from between two (2) types of metal window frames and the abutting substrate. All samples were collected from the exterior. Total PCB concentrations in the exterior window caulk ranged from 1.3 to 57,000 ppm. All samples of window caulk associated with the limestone façade were found to be greater than 50 ppm. All window caulk samples associated with the stucco and granite façades were found to be less than 50 ppm.

TRC analyzed five (5) exterior caulk samples from between door frames and the abutting substrate and other caulk observed along the first floor granite substrate. The exterior door frame caulk collected from the first floor east elevation was found at concentrations of 16.2 ppm, 11 ppm, and 2.6 ppm. Other caulk identified, such as caulk at the garage gate along the south elevation and along a mural at the east elevation, was sampled and identified at 2.5 ppm and 3.1 ppm, respectively. No other doors on the exterior of the building were identified with exterior caulk.

2.5.2 Limestone Sampling

TRC analyzed 113 samples from the abutting limestone substrate. Limestone is the predominant façade material present on all four (4) sides of the building between the second floor and the sixteenth floor elevator penthouse. Limestone substrate samples were collected where caulk was present $\geq$50 ppm.

Prior to sampling of the limestone substrate, the PCB-containing caulk in the area to be sampled was removed using hand tools and the substrate was cleaned with a mild detergent using wire brushes in order to simulate standard ACM/PCB caulk removal procedures. Once the caulk was removed, samples were collected from the surface to a depth of approximately ½ inch in sets at the 0" line (directly under where the caulk was removed), 1", 3" and 6" lines away from the caulk. All samples collected at the 0", 1" and 3" lines and select 6" line samples were analyzed.

Limestone samples collected at the 0" line had a concentration range of 57 to 990 ppm. The 1" line had a concentration range of 0.61 to 31 ppm. Samples collected at the 3" line

had a concentration range of below the laboratory detection limit to 9.7 ppm. Samples analyzed from the 6" line had a concentration range of 0.5 to 1.8 ppm.

2.5.3 Granite Sampling

Granite is present on all four (4) facades of the first floor only. No substrate samples were collected of the granite substrate as all caulk identified and sampled on the first floor tested at concentrations below 50 ppm and are considered Excluded PCB Products.

2.5.4 Stucco Sampling

Stucco is also present on all four (4) sides of the building at the fourteenth floor, which is a section of the building located on top of the thirteenth floor roof and is of newer construction. All caulk associated with the stucco façade that was sampled on the fourteenth floor tested at concentrations below 50 ppm and are considered Excluded PCB Products.

The table on the following page is a summary of TRC's window caulk/substrate sampling:

TRC – PCB Window Caulk/Substrate Sampling Summary Table

370 Jay Street, Brooklyn, NY

Floor	Substrate	Caulk Samples Collected	Minimum Value (Caulk) PPM	Maximum Value (Caulk) PPM	Substrate Samples Collected				Minimum Value (Substrate) PPM				Maximum Value (Substrate) PPM			
					0”	1”	3”	6”	0”	1”	3”	6”	0”	1”	3”	6”
14th Floor	Stucco	2	ND	1.3	2	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA
14th Floor	Limestone	0	NA	NA	1	1	1	NA	110	5.4	0.89	NA	110	5.4	0.89	NA
13th Floor	Limestone	0	NA	NA	3	3	3	NA	280	4.7	1.3	NA	580	33	7.1	NA
12th Floor	Limestone	0	NA	NA	3	3	3	NA	190	8.4	1.1	NA	350	14	2.1	NA
11th Floor	Limestone	0	NA	NA	3	3	3	NA	210	4.4	0.93	NA	380	27	2.5	NA
10th Floor	Limestone	0	NA	NA	3	3	3	1	280	7	0.82	1.8	410	17	2.5	1.8
9th Floor	Limestone	0	NA	NA	3	3	3	NA	190	5.7	0.5	NA	420	26	2.2	NA
8th Floor	Limestone	2	23,000	25,000	2	2	2	NA	220	19	0.8	NA	320	20	0.8	NA
7th Floor	Limestone	2	8,000	15,000	2	2	2	1	57	0.68	0.81	0.5	140	24	9.7	0.5
6th Floor	Limestone	0	NA	NA	2	2	2	1	340	7.4	0.8	0.63	380	14	0.9	0.63
5th Floor	Limestone	0	NA	NA	3	3	3	NA	240	13	0.49	NA	480	30	2.1	NA
4th Floor	Limestone	2	21,000	57,000	3	3	3	NA	220	7.2	0.5	NA	990	41	1.1	NA
3rd Floor	Limestone	2	230	35,000	4	4	4	1	120	0.61	0.5	0.56	570	17	1.0	0.56
2nd Floor	Limestone	2	20,000	32,000	4	4	4	NA	150	7.3	0.49	NA	490	38	0.78	NA
1st Floor	Granite	3	4.1	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ND = Non Detect
PPM = Parts Per Million
NA = Not Analyzed

3.0 QUALITY ASSURANCE

All samples collected for this program were analyzed by EMSL Analytical, Inc. (EMSL) of Cinnaminson, NJ (ELAP # 10872). The analytical data generated from this field sampling program was evaluated to determine the integrity and suitability of the analytical results to support the data evaluation, and the conclusions and recommendations as detailed in this report.

The acceptability of the analytical data was ascertained by evaluating the following parameters:

- Sample Holding Time
- Surrogate Recovery
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Precision
- Laboratory Spike
- Detection limits
- Data Package Completeness

The laboratory analytical data was found to be acceptable with several qualifications noted for field blank contamination, and laboratory spike sample non conformances. TRC qualified the data when sampling and/or analytical errors were noted in the analytical reports.

4.0 NATURE AND EXTENT OF PCBS

This section summarizes the building materials impacted by PCBs and its extent as required by 40 CFR 761.61(a)(3)(i)(A) and 40 CFR 761.61(a)(3)(i)(C).

4.1 PCB Bulk Product Waste (≥50 ppm)

All caulk with total PCB concentrations ≥50 mg/kg are PCB Bulk Product Waste and were included in this category.

- Exterior window frame caulk (second to sixteenth floor penthouse)
- Window glaze (second to sixteenth floor penthouse)

4.2 Excluded PCB Products (<50 ppm)

The exterior caulk on the first floor as well as the exterior window frame caulk on the more recent fourteenth floor construction (stucco façade) was determined to be federally Excluded PCB Product as the in-situ total PCB concentrations were <50 mg/kg, it is believed that the caulk was original as installed, and the total PCB concentration had not been modified by subsequent activities.

4.3 PCB Remediation Waste

Building material substrates impacted by PCBs from a source not authorized for use at any concentrations are considered to be PCB Bulk Remediation Wastes. Sampling included the collection at 0" (point of contact), 1", 3", and 6" lines from the caulk line in each location for each type of PCB Bulk Product (≥ 50 ppm) and associated porous substrate. In general, the following PCB Bulk Remediation Waste materials were identified:

- Limestone abutting the exterior window frame caulk (second floor to sixteenth floor penthouse.

5.0 RISK ASSESSMENT

In accordance with 40 CFR 761.61 (c) a human health risk assessment was completed. The purpose of this risk assessment is to evaluate potential Site exposures and provide a justification for the controls proposed to address these exposures. A risk assessment is required since the removal of all PCB Remediation Waste >1 ppm (i.e. limestone surrounds) is not anticipated due to the following reasons:

- Removal of the stone is not part of the overall scope of work for the planned renovation activities.
- Overall removal and cutting of the limestone façade adds increased safety risk and exposure during renovation activities.

Because PCB Bulk Product Waste window caulk and glazing will be removed:

- It is anticipated that the proposed remediation program will adequately control exposure to residual PCBs in the limestone that represents a PCB Remediation Waste.
- With PCB Bulk Product Waste ("source" material) removed, encapsulation and installation of a recessed window is anticipated to be as protective as removal as it is a low occupancy area with limited exposure potential.

5.1 PCB Source

The PCB source is the exterior window caulk and window glazing. The PCB Bulk Product Waste caulk has impacted limestone surrounds. All exterior window caulk and glaze will be removed. Impacted limestone surrounds greater than 25 ppm will be encapsulated. Potential PCB sources inside the building will be removed as part of the full gut renovation activities as the building is being stripped down to its bare structural elements (aside from the exterior façade).

5.2 Potential Human Receptors

Current human receptors present at the Site or in the surrounding environment, and who as a result, may be exposed to the identified PCBs are considered to be tenants, visitors,

construction and utility workers, and trespassers. The current likelihood of humans coming in contact with PCBs is considered to be very low. This is because the PCB Bulk Product with caulk will be removed, lower level PCB Remediation Wastes greater than 25 ppm encapsulated, and the impacted materials are located in areas not easily or regularly contacted.

In addition, all of the PCB Remediation Waste to remain are located above the first floor of the Site building and are not accessible to the public. The proposed PCB Bulk Product removal, encapsulation and window installation system is believed to control future human exposure to these remnant PCBs at the Site.

5.3 Potential Exposure Points, Pathways and Controls

Potential human exposure points are direct contact with (touching or ingesting PCB containing materials) or indirect contact (inhalation of PCBs that might be in air). The potential human exposure pathways are dermal absorption, ingestion, inhalation of PCB.

- Window unit glazing and caulking represent a potential exposure point. Their removal will eliminate this exposure point.

- Window exterior limestone surrounds have been impacted by the window caulk and represent a potential exposure point. The primary exposure pathway would be via direct contact. Due to the location, exterior to the building and/or concealed within the window frame, and application of an encapsulant, this potential route of exposure is unlikely. Secondary exposure pathways may include inhalation if residual PCBs were to volatilize and migrate into the building or be ingested. TRC does not believe either of these routes would be significant since PCB levels in the limestone under the removed caulk had a range of 57 to 990 ppm at the 0" line and the concentration reduced to a range of 0.61 to 41 ppm at the 1" line, and again reduced to a range of below the detection limit (0.49 ppm) to 9.7 ppm at the 3" line away from the caulk, and exterior limestone areas greater than 25 ppm will be encapsulated, interior accessible limestone locations will also be encapsulated and interior locations further enclosed within the new non porous window frame assembly.

Exposure to residual PCBs in limestone will be controlled as follows:

- All exterior limestone remediation waste greater than 25 ppm associated with window surrounds will be encapsulated as described in Section 6.4.
- Interior limestone remediation waste, if present, will also be encapsulated and enclosed within the newer non-porous window frame assembly;
- Because limestone remediation waste is above the first floor, and windows will not open, this material is generally not accessible.

The removal activities and encapsulation/enclosure systems will be shown to be performing adequately to manage residual PCBs in accessible limestone surrounds if future wipe samples of encapsulated accessible surfaces in low occupancy areas have concentrations no greater than 100 µg/100 cm^2 as per 40 CFR Part 761.61(a)(4)(i)(B)(ii) and as described in Section 6.5.

If this value is exceeded, additional evaluations will be performed to determine if these levels present an actual risk to building users and if additional PCB remediation activities are required.

6.0 REMEDIATION PROCEDURES

The goal of building material remediation efforts is to ensure that all PCB Bulk Product Waste caulk/glaze classified as PCB Bulk Product Wastes are removed and disposed of together from window areas prior to building renovation activities. PCB Bulk Product Wastes (window caulk and glazing classified as PCB Bulk Product Wastes) will be removed utilizing abatement work practices and engineering controls to limit the potential release of PCB dust/debris. As these materials are also characterized as asbestos-containing materials (ACM), proper ACM removal techniques as applicable to all federal, state, and city regulations will be followed. Detailed procedures as required by the New York City Department of Environmental Protection (NYCDEP) Asbestos Control Program shall be implemented using approved procedures for the removal of asbestos-containing exterior caulk from vertical building surfaces. The work will be performed by a specialty contractor utilizing workers afforded appropriate hazard communication training and under the supervision of an appropriately trained and experienced site supervisor. Work

will be overseen by a third party (field inspector) who will monitor that appropriate removal techniques are utilized and confirm thorough removal of identified materials. All removed materials will be containerized and then transported offsite for appropriate disposal.

No segregation of PCB wastes will be performed during building material abatement work and the caulk and glazing will be removed and disposed of as bulk product waste together with the window system at each location.

6.1 Safety and Monitoring Requirements

The renovation project will be performed as described above and it is anticipated that building occupants will not be present in areas during scheduled remediation/abatement work. However, to prevent exposure of onsite workers to potentially PCB-contaminated dust, Control Areas will be established outside of the Regulated/Containment Areas. Only properly trained personnel associated with the removal and abatement will be allowed within the Control Areas that will be established by placing barriers with signs indicating that access to the area is restricted. The Contractor will maintain the Control Areas and escort unauthorized personnel from the area promptly. Only those personnel actively working on the removal and abatement will be allowed within the Regulated/Containment Area and they shall be equipped with Personal Protective Equipment (PPE). Workers performing this work shall also be required to enter and exit work areas through a Worker Decontamination Enclosure System as per NYCDEP Asbestos Control Program procedures, with all properly bagged and sealed waste leaving work areas cleaned through a separate Waste Decontamination Enclosure System also required by NYCDEP.

For PCB-contaminated material removals, periodic dust monitoring will be performed in the Control Area immediately outside the Regulated/Containment Area prior to initiating the removal action, during performance of the action, and following the removal which will include the break-down of the Regulated/Containment Area. In addition, required asbestos project air sampling will be performed throughout the project. For PCB-contaminated material removals, monitoring will be performed for total suspended particulates (TSP). Real-time readings will be collected utilizing a TSI Model 8533 DustTrak DRX Aerosol Monitor (DustTrak) or similar. The background concentration within interior Control Areas will be determined prior to initiating remedial actions and a

control area background level will be established. If, during the performance of air monitoring during removals, dust levels outside the Regulated/Containment Area are observed to exceed 150 micrograms per cubic meter ($\mu g/m^3$) over background level determined prior to the remediation, the contractor shall be instructed to stop work and to inspect and reestablish the Regulated/Containment Area and improve associated engineering controls, as necessary. The Contactor shall then be required to decontaminate the Control Area outside Regulated/Containment Area if it is found that the containment or engineering controls failed or were not functioning properly.

6.2 Engineering Control Descriptions

Engineering controls to be implemented for exterior remediation will follow along similar guidelines as used when conducting asbestos abatement activities. Engineering controls for remedial work will be modeled after exterior OSHA Class II asbestos engineering controls for exterior remediation work as well as New York City Department of Environmental Protection (NYCDEP) Asbestos Control Program requirements. A description of these activities is as follows. More detailed descriptions will be provided in specifications for the work which shall serve as the Contractor's Work Plan.

Exterior remediation procedures are as follows and shall conform to NYCDEP "Exterior Vertical Surface Procedures":

- During removal of PCB Bulk Product (caulk and glazing), ground surfaces area will be covered with 2 layers of 6 mil polyethylene sheeting to capture/collect any debris generated, and secured to prevent movement. The sheeting will extend a minimum of ten feet beyond the building area to be remediated. Barrier tape will be used to delineate this as the regulated area.
- Any building openings such as windows, doors, vents, etc. in the immediate vicinity of the exterior remediation areas will be sealed off with critical barriers consisting of a minimum of one (1) layer of six (6) mil polyethylene sheeting securing the edges with tape.
- Signs will be posted outside the regulated area to deter unauthorized personnel from entering.
- Removal work practices within the regulated area will be implemented which facilitate the removal of the PCB Bulk Product and associated building material

while also limiting the amount of dust and debris to be generated. Acceptable removal equipment will include hand tools, pneumatic hammers or other similar equipment. If the Contractor chooses to use grinding or cutting tools during the removal they shall be required to establish a Negative Pressure Enclosure.

- All building materials removed during the remediation will be wrapped in poly sheeting and/or six (6) mil black asbestos-like bags and transported to the waste storage area. The poly sheeting/bags will be secured with tape to ensure that no dust is released during the transport and the contractor will be responsible for the remediation of any new releases caused by spillage.

6.3 Limestone Surround Surface Repair

If encountered, damaged limestone surround surfaces will be repaired prior to encapsulant application. When working within areas identified as being impacted by the PCB-containing caulk, repair work will only occur after existing surround caulk is removed. Grinding, chipping, or using power tools on PCB impacted materials shall be done within a negative pressure tent enclosure. Grinders will be equipped with shrouds and vacuums with HEPA filters or other means to capture dust and small debris in the grinding zone. Grinding or chipping power tools will only occur after it is determined that work cannot be satisfactorily completed with non-power tools. When using the pneumatic chipping gun, a two (2) person crew will be used. One (1) person will operate the chipping gun and the other will wet the work area and use a HEPA vacuum to capture dust and small debris in the chipping zone. Grinding activities with power tools will be stopped immediately upon observation of dust or debris emissions outside of the tent containment

All work using manual methods/hand tools will be performed within the containment required as per the NYCDEP Asbestos Control Program procedures for exterior caulk removal on vertical building surfaces. If this containment spans an area significantly greater than the caulk removal containment area, additional containment will be constructed to further contain debris.

It is anticipated that only minor limestone surface repair shall occur, as the construction design details currently call for the new windows to fit directly in the existing window openings.

6.4 Encapsulant Application

The proposed encapsulant, Sikaguard 670W, will be used for this remediation approach. A specification sheet is provided in Appendix B. Sikaguard 670W is a water dispersed, clear, acrylic, protective coating. Sikaguard 670W prevents moisture ingress, is water vapor permeable and provides an excellent carbonation barrier. All surfaces to be coated must be clean, dry, sound, and frost-free with curing compound residues and any other contaminants removed. The encapsulant will be applied to limestone from the original caulk line to at least 6" away in all directions to the extent possible as summarized below:

- Exterior vertical and horizontal window surrounds – Note that in some locations the limestone surface within 6 inches of the caulk line is enclosed with masonry and therefore these limited locations will not be encapsulated.

Two (2) layers of the encapsulant will be applied. This encapsulant system's intent is to maintain surface PCB levels at 100 µg/100 cm^2 ppm or less.

6.5 Confirmatory Wipe Sampling

To confirm that the encapsulant meets performance requirements, confirmatory wipe sampling will be performed at locations potentially accessible to building maintenance personnel. Wipe samples will be collected immediately adjacent to (within 6 inches of the original caulk line) where PCB Bulk Product Waste caulking was removed. The wipe sampling will be conducted after the encapsulant has cured approximately six (6) months after application in order to assess the efficacy of the encapsulation.

Wipe samples will be collected per standard wipe test protocols in accordance with 40 CFR 761.123. Gauze pads which are pre-moistened with hexane, or other appropriate wetting agent, shall be used to collect wipe samples. A one-use template or site specific outline will be used to delineate a 100 cm^2 sampling area. Wipes shall be collected within the sampling area by first wiping in an "S" like motion side to side, followed by folding the wipe media inwards and then wiping the sampling area in an "S" like motion up and down. The wipe media shall then be placed in a glass jar with a Teflon covered lid for transportation in a

cooler where they will be analyzed at a state-certified laboratory for PCBs via EPA Method 8082 and extracted via EPA Method 3540C.

The encapsulant will be shown to be performing adequately if all wipe samples have concentrations of less than 100 µg/100 cm^2. This level was selected because the encapsulant will form a non-porous surface after application. The following confirmatory wipe sampling program is proposed:

- Four (4) exterior wipe samples (per floor) representing all facades
- One (1) trip blank sample for laboratory quality control purposes, per sampling event
- One (1) duplicate sample for laboratory quality control purposes, per sampling event

In total, a minimum of 56 surface samples (in addition to the quality assurance trip and duplicate samples referenced above) will be submitted for laboratory analysis.

If any of the confirmatory wipe samples indicates a PCB concentration greater than 100 µg/100 cm^2, and depending upon the extent of the exceedance, and with input from the EPA, NYU will take actions which may include preparation of a more detailed site specific risk assessment to determine if the exposure pathway is complete and if the 100 µg/100 cm^2 action level is appropriate or if re-coating and re-sampling is appropriate.

Following the wipe sampling at the six (6) month mark (after initial encapsulant application and appropriate response actions, as needed), additional wipe sampling shall be performed at the three (3) and five (5) year mark.

Upon results of these inspections at the six (6) month mark, three (3) year mark, and five (5) year mark, a reevaluation of long term monitoring requirements will be discussed with EPA to determine whether or not additional sampling shall be performed.

6.6 Confirmatory Indoor Air Sampling

To support evaluating the efficacy of the remediation program, indoor air sampling will be conducted after all work is completed. Samples will be collected using a Polyurethane Foam (PUF) Media cartridge following EPA Method TO- 10A, Determination and PCBs in Ambient Air Using Low Volume. Samples will be submitted for PCB analysis by EPA Method 680 Modified. The PUF cartridges will be attached to a stand located in the middle of the room being sampled and at a height of approximately 3-5 feet above the floor. The pumps will be calibrated to draw air through the cartridges at an approximate flow rate of five (5) liters per minute for approximately seven (7) hours each. A total of 53 samples from the following locations will be included the program: (four (4) samples per floor from the second floor through 14th floor, and one (1) sample at the sixteenth floor). Samples will be collected from two classroom spaces, an office space, and common area for each of these floors**,** with the exception of the sixteenth floor where the space is utilized as a mechanical space not accessible to general building occupants. In addition, each floor where sampling is performed shall include one of these spaces from a southern side of the building. Five (5) duplicate samples will be collected as part of the overall project QA/QC measures.

The removal activities and encapsulant systems will be shown to be performing adequately to manage residual PCBs in accessible limestone surrounds if indoor air levels are below the EPA's public health target of 500 nanograms per cubic meter (ng/m3) value for 12 to 15 year olds (middle school population) and adults. If these values are exceeded, additional evaluations will be performed. This may include preparation of a more detailed site specific risk assessment to determine if the target level is appropriate, reviewing surface wipe sample results and determining if HVAC system is providing adequate fresh air exchanges.

6.7 Inspections

Beginning three (3) years following the completion of the confirmatory wipe sampling, NYU will perform an inspection of encapsulated surfaces, focusing on those areas that would be directly accessible to building maintenance personnel. The inspections will be visual in nature, and will be intended to confirm that the coated surfaces are in good condition. The

inspector will visually observe representative coated surfaces at the Site. Evidence of deterioration of the encapsulant, including wear, chipping, or flaking, will be noted.

If encapsulant deterioration (minor chipping, flaking, or wear spots) are noted through visual inspection, NYU will arrange to have those areas re-coated with a double layer of the appropriate product. Following the inspection (and appropriate response actions, as needed) at the three (3) year mark, an additional inspection procedure shall be performed at the five (5) year mark.

The inspections, and any necessary repairs to the coated surfaces, will be documented on an official inspection form, and the forms will be maintained for the life of the building, or until the PCB contaminated material is removed. The inspection form, along with a cover letter outlining any repair of the coated surfaces NYU intends to undertake, will be maintained. An associated Long-Term Monitoring and Maintenance Implementation Plan (MMIP) can be found in Appendix C.

Upon evaluation of the three (3) and five (5) year inspections, a re-evaluation of long term monitoring shall be presented to EPA to determine whether or not additional long term monitoring will need to be performed.

6.8 Deed Notice

NYU, as legal building owner, will record a deed notice for the Site after completion of PCB remedial activities. The deed notice will follow the TSCA requirements outlined at 40 CFR 761.61(a)(8), and will inform any potential future purchaser of the Site that:

1. Where PCB Remediation Waste and other PCB containing materials remain;

2. Ongoing sampling and monitoring of conditions related to residual PCBs at the Site are required;

3. Implementation of SOPs related to intrusive activities of the façade are required for certain activities taking place at the Site; and

4. Proper removal and disposal of remaining PCB-impacted materials is required upon demolition of all or portions of the Site building. Following recording of the deed notice, a copy, along with certification that the deed notice has been recorded with the registry of deeds, will be provided to the EPA.

6.9 Waste Characterization, Transport, and Disposal

Wastes will be pre-characterized to the satisfaction of the selected disposal facility prior to initiating any remedial activities. All wastes generated during building remediation activities will be shipped for disposal as PCB Bulk Product Waste (40 CFR 761.62), per the October 24, 2012 EPA Waste Disposal Interpretation. It is currently anticipated that waste will be transported to a Solid Waste Landfill permitted under RCRA Title D and no attempt will be made to segregate the removed material. Remediation waste will be disposed of in accordance with 40 CFR 761.61.

6.10 Equipment Decontamination

All moveable equipment, tools, and sampling equipment which has contacted PCB Bulk Product, State Regulated Waste or Remediation Waste will be decontaminated prior to leaving the site. Decontamination procedures will comply with either §761.79(b)(3)(i)(A) or §761.79(c)(2).

All decontamination wastes, PPE, and polyethylene that come in contact with PCB Bulk Product or Remediation Wastes will be disposed of as PCB Decontamination Wastes in compliance with §761.79(g). These wastes will be segregated as to matrix, aqueous, non-aqueous liquids, or solid materials (e.g., PPE), and stored in drums or lined containers prior to transport from the site for disposal and disposed of as follows:

- Non-liquid cleaning materials and personal protective equipment waste at any concentration, including non-porous surfaces and other non-liquid materials such as rags, gloves, booties, other disposable personal protective equipment, and similar materials resulting from decontamination shall be disposed of in accordance with §761.61(a)(5)(v).

Aqueous and non-aqueous liquids will be tested for PCB content in compliance with the federal PCB regulations and shipped offsite. Solid Wastes will be containerized with the other regulated PCB wastes generated during the remediation project for transport and disposal.

6.11 Notification and Certification

The removal and abatement measures described within this Request will be initiated after receiving written approval of the plan from EPA. Notification of intent to perform these remedial measures is provided to EPA with this submittal.

In Section 8.0, in accordance with EPA 40 CFR 761.61(a)(3), is a written certification from NYU indicating the location of all reports detailing sample collection and analysis procedures used to assess or characterize the PCB contamination for this Risk-Based PCB Clean-up Request are available for EPA inspection.

7.0 DOCUMENTATION

Documentation of the field activities will be performed on a daily basis by the contractor and remediation monitor during the performance of the remediation and will be summarized at the conclusion of the remediation in a Remedial Action Report (RAR).

7.1 Field Notes

The field inspector will maintain a daily log of on-site activities. That log will include, but not be limited to the following:

- Daily health and safety meetings
- Personnel and equipment on site
- Field procedures and observations
- Remediation progress and extents
- Sample locations, selection criteria, samples collected, analyses performed, sample handling
- Telephone or other instructions
- Equipment decontamination
- Building structure substrate/surface cover verification testing
- Waste transporter information

7.2 Photographs

Photographs will be taken of representative activities, such as remediation, sample locations, and surface cover excavation. The final extents of the remediation/excavations will also be photographed. Copies of selected photographs will be included in the RAR.

7.3 Transport and Treatment/Disposal Certifications

Manifests and/or Bills of Lading for the transportation, treatment and disposal of waste materials and certifications of the treatment or disposal of the wastes, if necessary, will be obtained from the transporter and from the treatment/disposal facility. Copies of these forms will be included in the RAR.

7.4 Report

The RAR will be prepared upon receipt of all analytical data confirming that the removal action was complete and receipt of certifications of treatment/disposal from the treatment/disposal facility. The RAR will include the following.

- Site description
- A description of field procedures
- Verification sample locations and analytical results
- A photographic record of the remediation, excavations and backfilling
- Waste characterization sample data
- Waste transport and treatment disposal information
- Copies of waste manifests and bills of lading

7.5 Recordkeeping

All records and documents required by 40 CFR Part 761, including all those records required under Subpart K, will be prepared for and maintained by NYU. The records shall be maintained in a centralized location for a minimum of three (3) years and will be available for inspection by representatives of EPA if required.

8.0 OWNER CERTIFICATION

This Section of the Request provides the certification required by 40 CFR 761.61(a)(3)(i)(E).

I certify the Risk-Based PCB Clean-up Plan proposed in this document will meet the following requirements:

All sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site are or will be on file at the following location and are available for U.S. EPA inspection:

Applicant/Authorized Owner:

Stephanie Kung
Assistant Director
Environmental Health & Safety
New York University
Division of Operations
10 Astor Place, 6th Floor
New York, NY 10003
Telephone: (212) 998-1439
Email: Stephanie.kung@nyu.edu

Name (Printed)
Signature
Title
Date

TABLE

PCB Substrate Characterization 1/14/15

370 Jay Street, Brooklyn, NY

FLOOR	TRC SPECIFIC SAMPLE LOCATION/ ELEVATION	DESCRIPTION	GZA CAULK RESULTS June 2012 (ppm)	ALC CAULK RESULTS April 2014 (ppm)	ALC CAULK RESULTS May 2014 (ppm)	TRC CAULK / GLAZING RESULTS (ppm)	TRC SUBSTRATE RESULTS 0" (ppm)	GZA SUBSTRATE RESULTS 1" May-June 2012 (ppm)	TRC SUBSTRATE RESULTS 1" (ppm)	GZA SUBSTRATE RESULTS 3" May-June 2012 (ppm)	TRC SUBSTRATE RESULTS 3" (ppm)	TRC SUBSTRATE RESULTS 6" (ppm)	SUBSTRATE	COMMENTS	CAULK / GLAZING SAMPLE ID	SUBSTRATE SAMPLE ID	DATE COLLECTED	LAB/NOTES
Roof	13th Floor Roof	Coping Stone/Parapet Caulk	N/A	N/A	N/A	1.6	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-01A 102214-RS-01B 102214-RS-01B	N/A	10/22/2014	EMSL
Roof	15th Roof Roof to Staircase "C"	Coping Stone/Parapet Caulk	N/A	N/A	N/A	1.3	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-02A 102214-RS-02B 102214-RS-02B	N/A	10/22/2014	EMSL
Roof	7th Floor South Roof	Coping Stone/Parapet Caulk	N/A	N/A	N/A	3.6	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-03A 102214-RS-03B 102214-RS-03B	N/A	10/22/2014	EMSL
Roof	4th Floor Roof	Coping Stone/Parapet Caulk	N/A	N/A	N/A	6.2	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-04A 102214-RS-04B 102214-RS-04B	N/A	10/22/2014	EMSL
Roof	2nd Floor Roof	Coping Stone/Parapet Caulk	N/A	N/A	N/A	7.4	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-05A 102214-RS-05B 102214-RS-05B	N/A	10/22/2014	EMSL
Roof	Concourse Mezzanine Roof	Coping Stone/Parapet Caulk	N/A	N/A	N/A	5.1	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-06A 102214-RS-06B 102214-RS-06B	N/A	10/22/2014	EMSL
Roof	7th Floor North Roof	Coping Stone/Parapet Caulk (Top Layer)	N/A	N/A	N/A	0.99	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-07A 102214-RS-07B 102214-RS-07B	N/A	10/22/2014	EMSL
Roof	7th Floor North Roof	Coping Stone/Parapet Caulk (Bottom Layer)	N/A	N/A	N/A	1.1	N/A	N/A	N/A	N/A	N/A	N/A	Stone	Non-PCB Caulk <50 ppm	102214-RS-08A 102214-RS-08B 102214-RS-08B	N/A	10/22/2014	EMSL
5th/7th/ 8th Floors	Staircases B/C	Window Glazing	"Newer" Window = 17,000; 22,000 / "Older" Window = 74,000 (exact locations unknown)	N/A	N/A	150	N/A	N/A	N/A	N/A	N/A	N/A	Metal	PCB Glazing >50 ppm	STAIRCASES C&B-PCB-WG01A-COMPOSITE (7th Floor) STAIRCASES C&B-PCB-WG01B-COMPOSITE (8th Floor) STAIRCASES C&B-PCB-WG01C-COMPOSITE (5th Floor)	N/A	10/10/2014	EMSL
7th/8th/ 9th Floors	Staircase D	Window Glazing		N/A	N/A	38	N/A	N/A	N/A	N/A	N/A	N/A	Metal	Non-PCB Glazing <50 ppm	STAIRCASE D-PCB-WG02A-COMPOSITE (7th Floor) STAIRCASE D-PCB-WG02B-COMPOSITE (8th Floor) STAIRCASE D-PCB-WG02C-COMPOSITE (9th Floor)	N/A	10/10/2014	EMSL
7th/9th/ 11th Floors	North/South/East Elevations	Window Glazing		N/A	N/A	54	N/A	N/A	N/A	N/A	N/A	N/A	Metal	PCB Glazing >50 ppm	EAST/NORTH/SOUTH-PCB-WG03A-COMPOSITE (7th Floor) EAST/NORTH/SOUTH-PCB-WG03B-COMPOSITE (9th Floor) EAST/NORTH/SOUTH-PCB-WG03C-COMPOSITE (11th Floor)	N/A	10/10/2014	EMSL
7th/8th/ 9th Floors	West Elevation	Window Glazing		N/A	N/A	41	N/A	N/A	N/A	N/A	N/A	N/A	Metal	Non-PCB Glazing <50 ppm	WEST-PCB-WG04A-COMPOSITE (7th Floor) WEST-PCB-WG04B-COMPOSITE (8th Floor) WEST-PCB-WG04C-COMPOSITE (9th Floor)	N/A	10/10/2014	EMSL
1st Floor	East Elevation	Exterior Door Frame Caulk		N/A	N/A	16.2	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	1STFL-DC-PCB-01	N/A	8/13/2014	EMSL
1st Floor	East Elevation	Exterior Door Frame Caulk		N/A	N/A	11	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	GROUNDFL-PCB-EDC-02	N/A	10/7/2014	EMSL
1st Floor	East Elevation	Exterior Window Frame Caulk		N/A	2.4 East 2.3 North	6.5	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	1STFL-PCB-WC-01	1STFL-PCB-SUB-WC-02 (0") 1STFL-PCB-SUB-WC-03 (1") 1STFL-PCB-SUB-WC-04 (3")	9/11/2014	EMSL
1st Floor	South Elevation	Exterior Garage Gate Caulk		N/A	N/A	2.5	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	GROUNDFL-PCB-GGC-01	N/A	10/7/2014	EMSL
1st Floor	East Elevation	Exterior Panel/Map Frame/Joint Caulk		N/A	N/A	3.1	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	GROUNDFL-PCB-PMC-03	N/A	10/7/2014	EMSL
1st Floor	East Elevation	Exterior Window Frame Caulk		N/A	N/A	4.2	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	GROUNDFL-PCB-EWC-04	N/A	10/7/2014	EMSL
1st Floor	East Elevation	Exterior Window Frame Glazing		N/A	N/A	26.4	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Glazing <50 ppm	GROUNDFL-PCB-WG-05	N/A	10/7/2014	EMSL
1st Floor	East Elevation	Exterior Window Frame Caulk on Top of Glazing		N/A	N/A	4.1	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	GROUNDFL-PCB-EWC-06	N/A	10/7/2014	EMSL
1st Floor	East Elevation	Exterior Door Frame Caulk		N/A	N/A	2.6	N/A	N/A	N/A	N/A	N/A	N/A	Granite	Non-PCB Caulk <50 ppm	GROUNDFL-PCB-DC-07	N/A	10/7/2014	EMSL

PCB Substrate Characterization 1/14/15

370 Jay Street, Brooklyn, NY

FLOOR	TRC SPECIFIC SAMPLE LOCATION/ ELEVATION	DESCRIPTION	GZA CAULK RESULTS June 2012 (ppm)	ALC CAULK RESULTS April 2014 (ppm)	ALC CAULK RESULTS May 2014 (ppm)	TRC CAULK / GLAZING RESULTS (ppm)	TRC SUBSTRATE RESULTS 0" (ppm)	GZA SUBSTRATE RESULTS 1" May-June 2012 (ppm)	TRC SUBSTRATE RESULTS 1" (ppm)	GZA SUBSTRATE RESULTS 3" May-June 2012 (ppm)	TRC SUBSTRATE RESULTS 3" (ppm)	TRC SUBSTRATE RESULTS 6" (ppm)	SUBSTRATE	COMMENTS	CAULK / GLAZING SAMPLE ID	SUBSTRATE SAMPLE ID	DATE COLLECTED	LAB/NOTES
2nd Floor	South Elevation	Exterior Window Frame Caulk	"Newer" Window = 17,000; 22,000 / "Older" Window = 74,000 (exact locations unknown)	N/A	2.2 West 2.6 South	32,000	370	3	7.5	ND	0.64	Sample Hold	Limestone	>25 ppm @ 0"	2NDFL-PCB-WC-07	2NDFL-PCB-SUB-WC-07 (0") 2NDFL-PCB-SUB-WC-19 (1") 2NDFL-PCB-SUB-WC-20 (3")	8/6/2014 & 9/8/2014	EMSL
2nd Floor	West Elevation	Exterior Window Frame Caulk				20,000	490		13		0.78	Sample Hold	Limestone	>25 ppm @ 0"	2NDFL-PCB-WC-08	2NDFL-PCB-SUB-WC-08 (0") 2NDFL-PCB-SUB-WC-22 (1") 2NDFL-PCB-SUB-WC-23 (3")	8/6/2014 & 9/8/2014	EMSL
2nd Floor	North Elevation	Exterior Window Frame Caulk		N/A		N/A	150		38		0.49 (RL)	Sample Hold	Limestone	>25 ppm @ 1"	N/A	2NDFL-PCB-SUB-WC-10 (0") 2NDFL-PCB-SUB-WC-11 (1") 2NDFL-PCB-SUB-WC-12 (3")	9/26/2014	EMSL
2nd Floor	West Elevation	Exterior Window Frame Caulk		N/A		N/A	240		7.3		0.49 (RL)	Sample Hold	Limestone	>25 ppm @ 0"	N/A	2NDFL-PCB-SUB-WC-01 (0") 2NDFL-PCB-SUB-WC-02 (1") 2NDFL-PCB-SUB-WC-03 (3")	9/30/2014	EMSL
3rd Floor	West Elevation	Exterior Window Frame Caulk		N/A	81,000 North 80,000 East	35,000	570	N/A	17	N/A	0.88	Sample Hold	Limestone	>25 ppm @ 0"	3RDFL-PCB-WC-09	3RDFL-PCB-SUB-WC-09 (0") 3RDFL-PCB-SUB-WC-16 (1") 3RDFL-PCB-SUB-WC-17 (3")	8/7/2014 & 9/8/2014	EMSL
3rd Floor	West Elevation	Exterior Window Frame Caulk				230	260	N/A	0.61	N/A	0.5 (RL)	Sample Hold	Limestone	>25 ppm @ 0"	3RDFL-PCB-WC-10	3RDFL-PCB-SUB-WC-10 (0") 3RDFL-PCB-SUB-WC-13 (1") 3RDFL-PCB-SUB-WC-14 (3")	8/7/2014 & 9/8/2014	EMSL
3rd Floor	South Elevation	Exterior Window Frame Caulk		N/A		N/A	200	N/A	16	N/A	0.86	Sample Hold	Limestone	>25 ppm @ 0"	N/A	3RDFL-PCB-SUB-WC-06 (0") 3RDFL-PCB-SUB-WC-07 (1") 3RDFL-PCB-SUB-WC-08 (3")	9/11/2014	EMSL
3rd Floor	North Elevation	Exterior Window Frame Caulk		N/A		N/A	120	N/A	10	N/A	1.0	0.56	Limestone	>25 ppm @ 0"	N/A	3RDFL-PCB-SUB-WC-14 (0") 3RDFL-PCB-SUB-WC-15 (1") 3RDFL-PCB-SUB-WC-16 (3") 3RDFL-PCB-SUB-WC-17 (6")	9/26/2014	EMSL
4th Floor	South Elevation	Exterior Window Frame Caulk		N/A	68,000 West 15,000 South	21,000	300	N/A	7.2	N/A	0.5 (RL)	Sample Hold	Limestone	>25 ppm @ 0"	4THFL-PCB-WC-11	4THFL-PCB-SUB-WC-11 (0") 4THFL-PCB-SUB-WC-07 (1") 4THFL-PCB-SUB-WC-08 (3")	8/7/2014 & 9/8/2014	EMSL
4th Floor	West Elevation	Exterior Window Frame Caulk				57,000	990	N/A	41	N/A	1.1	Sample Hold	Limestone	>25 ppm @ 1"	4THFL-PCB-WC-12	4THFL-PCB-SUB-WC-12 (0") 4THFL-PCB-SUB-WC-10 (1") 4THFL-PCB-SUB-WC-11 (3")	8/7/2014 & 9/8/2014	EMSL
4th Floor	North Elevation	Exterior Window Frame Caulk		N/A		N/A	220	N/A	22	N/A	0.63	Sample Hold	Limestone	>25 ppm @ 0"	N/A	4THFL-PCB-SUB-WC-18 (0") 4THFL-PCB-SUB-WC-19 (1") 4THFL-PCB-SUB-WC-20 (3")	9/26/2014	EMSL
5th Floor	West Elevation	Exterior Window Frame Caulk		N/A	22,000 East 97,000 North	N/A	480	N/A	19	N/A	0.49 (RL)	Sample Hold	Limestone	>25 ppm @ 0"	N/A	5THFL-PCB-SUB-WC-29 (0") 5THFL-PCB-SUB-WC-30 (1") 5THFL-PCB-SUB-WC-31 (3")	9/4/2014	EMSL
5th Floor	East Elevation	Exterior Window Frame Caulk				N/A	640	N/A	30	N/A	2.1	Sample Hold	Limestone	>25 ppm @ 1"	N/A	5THFL-PCB-SUB-WC-13 (0") 5THFL-PCB-SUB-WC-14 (1") 5THFL-PCB-SUB-WC-15 (3")	8/28/2014	EMSL
5th Floor	North Elevation	Exterior Window Frame Caulk		N/A		N/A	240	N/A	13	N/A	0.64	Sample Hold	Limestone	>25 ppm @ 0"	N/A	5THFL-PCB-SUB-WC-22 (0") 5THFL-PCB-SUB-WC-23 (1") 5THFL-PCB-SUB-WC-24 (3")	9/26/2014	EMSL
6th Floor	West Elevation	Exterior Window Frame Caulk		N/A	23,000 South 27,000 West	N/A	380	N/A	7.4	N/A	0.9	Sample Hold	Limestone	>25 ppm @ 0"	N/A	6THFL-PCB-SUB-WC-25 (0") 6THFL-PCB-SUB-WC-26 (1") 6THFL-PCB-SUB-WC-27 (3")	9/4/2014	EMSL
6th Floor	East Elevation	Exterior Window Frame Caulk				N/A	340	N/A	14	N/A	0.8	0.63	Limestone	>25 ppm @ 0"	N/A	6THFL-PCB-SUB-WC-09 (0") 6THFL-PCB-SUB-WC-10 (1") 6THFL-PCB-SUB-WC-11 (3") 6THFL-PCB-SUB-WC-12 (6")	8/28/2014	EMSL
7th Floor	North Elevation	Exterior Window Frame Caulk		54,000 28	26,000 North 41,000 East	8,000	57	3.4	24	ND	0.81	Sample Hold	Limestone	>25 ppm @ 0"	7THFL-PCB-WC-01	7THFL-PCB-SUB--WC-01 (0") 7THFL-PCB-SUB-WC-33 (1") 7THFL-PCB-SUB-WC-34 (3")	8/5/2014 & 9/4/2014	EMSL
7th Floor	South Elevation	Exterior Window Frame Caulk				15,000	140		0.68		9.7	0.5 (RL)	Limestone	>25 ppm @ 0"	7THFL-PCB-WC-02	7THFL-PCB-SUB-WC-02 (0") 7THFL-PCB-SUB-WC-36 (1") 7THFL-PCB-SUB-WC-37 (3") 7THFL-PCB-SUB-WC-38 (6")	8/5/2014 & 9/4/2014	EMSL
8th Floor	West Elevation	Exterior Window Frame Caulk		N/A	15,000 West 20,000 South	23,000	220	N/A	20	N/A	0.8	Sample Hold	Limestone	>25 ppm @ 0"	8THFL-PCB-WC-03	8THFL-PCB-SUB-WC-03 (0") 8THFL-PCB-SUB-WC-01 (1") 8THFL-PCB-SUB-WC-02 (3")	8/5/2014 & 9/8/2014	EMSL
8th Floor	West Elevation	Exterior Window Frame Caulk				25,000	320	N/A	19	N/A	0.8	Sample Hold	Limestone	>25 ppm @ 0"	8THFL-PCB-WC-04	8THFL-PCB-SUB-WC-04 (0") 8THFL-PCB-SUB-WC-04 (1") 8THFL-PCB-SUB-WC-05 (3")	8/5/2014 & 9/8/2014	EMSL
9th Floor	South Elevation	Exterior Window Frame Caulk		N/A	46,000 North 32,000 East	N/A	290	N/A	21	N/A	2.2	Sample Hold	Limestone	>25 ppm @ 0"	N/A	9THFL-PCB-SUB-WC-17 (0") 9THFL-PCB-SUB-WC-18 (1") 9THFL-PCB-SUB-WC-19 (3")	9/5/2014	EMSL
9th Floor	West Elevation	Exterior Window Frame Caulk		N/A		N/A	190	N/A	5.7	N/A	0.5 (RL)	Sample Hold	Limestone	>25 ppm @ 0"	N/A	9THFL-PCB-SUB-WC-21 (0") 9THFL-PCB-SUB-WC-22 (1") 9THFL-PCB-SUB-WC-23 (3")	9/3/2014	EMSL
9th Floor	East Elevation	Exterior Window Frame Caulk				N/A	420	N/A	26	N/A	1.7	Sample Hold	Limestone	>25 ppm @ 1"	N/A	9THFL-PCB-SUB-WC-05 (0") 9THFL-PCB-SUB-WC-06 (1") 9THFL-PCB-SUB-WC-07 (3")	8/27/2014	EMSL

PCB Substrate Characterization 1/14/15

370 Jay Street, Brooklyn, NY

FLOOR	TRC SPECIFIC SAMPLE LOCATION/ ELEVATION	DESCRIPTION	GZA CAULK RESULTS June 2012 (ppm)	ALC CAULK RESULTS April 2014 (ppm)	ALC CAULK RESULTS May 2014 (ppm)	TRC CAULK / GLAZING RESULTS (ppm)	TRC SUBSTRATE RESULTS 0" (ppm)	GZA SUBSTRATE RESULTS 1" May-June 2012 (ppm)	TRC SUBSTRATE RESULTS 1" (ppm)	GZA SUBSTRATE RESULTS 3" May-June 2012 (ppm)	TRC SUBSTRATE RESULTS 3" (ppm)	TRC SUBSTRATE RESULTS 6" (ppm)	SUBSTRATE	COMMENTS	CAULK / GLAZING SAMPLE ID	SUBSTRATE SAMPLE ID	DATE COLLECTED	LAB/NOTES
10th Floor	South Elevation	Exterior Window Frame Caulk	Newer Window = 17,000 ; 22,000 / "Older" Window = 74,000 (exact locations unknown)	N/A	16,000 West 24,000 South	N/A	410	N/A	17	N/A	0.82	Sample Hold	Limestone	>25 ppm @ 0"	N/A	10THFL-PCB-SUB-WC-13 (0") 10THFL-PCB-SUB-WC-14 (1") 10THFL-PCB-SUB-WC-15 (3")	9/5/2014	EMSL
10th Floor	West Elevation	Exterior Window Frame Caulk				N/A	280	N/A	7	N/A	0.87	Sample Hold	Limestone	>25 ppm @ 0"	N/A	10THFL-PCB-SUB-WC-17 (0") 10THFL-PCB-SUB-WC-18 (1") 10THFL-PCB-SUB-WC-19 (3")	9/3/2014	EMSL
10th Floor	East Elevation	Exterior Window Frame Caulk				N/A	380	N/A	14	N/A	2.5	1.8	Limestone	>25 ppm @ 0"	N/A	10THFL-PCB-SUB-WC-01 (0") 10THFL-PCB-SUB-WC-02 (1") 10THFL-PCB-SUB-WC-03 (3") 10THFL-PCB-SUB-WC-04 (6")	8/27/2014	EMSL
11th Floor	South Elevation	Exterior Window Frame Caulk		N/A	56,000 East 45,000 North	N/A	380	N/A	27	N/A	1.4	Sample Hold	Limestone	>25 ppm @ 1"	N/A	11THFL-PCB-SUB-WC-09 (0") 11THFL-PCB-SUB-WC-10 (1") 11THFL-PCB-SUB-WC-11 (3")	9/5/2014	EMSL
11th Floor	West Elevation	Exterior Window Frame Caulk		N/A	56,000 East 45,000 North	N/A	210	N/A	4.4	N/A	0.93	Sample Hold	Limestone	>25 ppm @ 0"	N/A	11THFL-PCB-SUB-WC-13 (0") 11THFL-PCB-SUB-WC-14 (1") 11THFL-PCB-SUB-WC-15 (3")	9/2/2014	EMSL
11th Floor	East Elevation	Exterior Window Frame Caulk				N/A	570	N/A	15	N/A	2.5	Sample Hold	Limestone	>25 ppm @ 0"	N/A	11THFL-PCB-SUB-WC-03 (0") 11THFL-PCB-SUB-WC-04 (1") 11THFL-PCB-SUB-WC-05 (3")	8/26/2014	EMSL
12th Floor	South Elevation	Exterior Window Frame Caulk		140	32,000 West 33,000 South	N/A	190	N/A	14	N/A	2.1	Sample Hold	Limestone	>25 ppm @ 0"	N/A	12THFL-PCB-SUB-WC-05 (0") 12THFL-PCB-SUB-WC-06 (1") 12THFL-PCB-SUB-WC-07 (3")	9/5/2014	EMSL
12th Floor	East Elevation	Exterior Window Frame Caulk				N/A	260	N/A	13	N/A	2.2	Sample Hold	Limestone	>25 ppm @ 0"	N/A	12THFL-PCB-SUB-WC-02 (0") 12THFL-PCB-SUB-WC-06 (1") 12THFL-PCB-SUB-WC-07 (3")	8/25-26/2014	EMSL
12th Floor	West Elevation	Exterior Window Frame Caulk				N/A	350	N/A	8.4	N/A	1.1	Sample Hold	Limestone	>25 ppm @ 0"	N/A	12THFL-PCB-SUB-WC-09 (0") 12THFL-PCB-SUB-WC-10 (1") 12THFL-PCB-SUB-WC-11 (3")	9/2/2014	EMSL
13th Floor	South Elevation	Exterior Window Frame Caulk		82	18,000 North 21,000 East	N/A	280	N/A	33	N/A	7.1	Sample Hold	Limestone	>25 ppm @ 1"	N/A	13THFL-PCB-SUB-WC-01 (0") 13THFL-PCB-SUB-WC-02 (1") 13THFL-PCB-SUB-WC-03 (3")	9/5/2014	EMSL
13th Floor	East Elevation	Exterior Window Frame Caulk				N/A	580	N/A	16	N/A	3.7	Sample Hold	Limestone	>25 ppm @ 0"	N/A	13THFL-PCB-SUB-WC-01 (0") 13THFL-PCB-SUB-WC-08 (1") 13THFL-PCB-SUB-WC-09 (3")	8/25-26/2014	EMSL
13th Floor	West Elevation	Exterior Window Frame Caulk				N/A	340	N/A	4.7	N/A	1.3	0.65	Limestone	>25 ppm @ 0"	N/A	13THFL-PCB-SUB-WC-05 (0") 13THFL-PCB-SUB-WC-06 (1") 13THFL-PCB-SUB-WC-07 (3") 13THFL-PCB-SUB-WC-08 (6")	8/29/2014	EMSL
14th Floor	West Elevation	Exterior Window Frame Caulk		5,300	N/A	N/A	110	N/A	5.4	N/A	0.89	Sample Hold	Limestone	>25 ppm @ 0"	N/A	14THFL-PCB-SUB-WC-01 (0") 14THFL-PCB-SUB-WC-02 (1") 14THFL-PCB-SUB-WC-03 (3")	8/29/2014	EMSL
14th Floor	East Elevation	Exterior Window Frame Caulk/Expansion Joint Caulk		1.5	2.1 West	1.3	ND	ND	N/A	ND	N/A	N/A	Stucco	<25 ppm	14THFL-PCB-WC-05	14THFL-PCB-SUB-WC-05	8/6/2014	EMSL
14th Floor	South Elevation	Exterior Window Frame Caulk		0.97	6.7 South	ND	ND		N/A		N/A	N/A	Stucco	<25 ppm	14THFL-PCB-WC-06	14THFL-PCB-SUB-WC-06	8/6/2014	EMSL
					AVERAGE SUBSTRATE CONCENTRATION:		**332.42**		**15.51**		**1.41**	**0.91**						
					MEDIAN CONCENTRATION:		**295**	**N/A**	**14**	**N/A**	**0.895**	**0.64**	**N/A**	**<500 ppm @ 0" (Average)**	**N/A**	**N/A**	**N/A**	**N/A**
					MODE CONCENTRATION:		**380**		**13**		**0.245**	**N/A**						

DAILY SUBSTRATE EQUIPMENT SAMPLES

8/6/2014	Below Reporting Limit (0.47 ppm)
8/7/2014	Below Reporting Limit (0.50 ppm)
8/25/2014	Below Reporting Limit (0.50 ppm)
8/26/2014	Below Reporting Limit (0.50 ppm)
8/27/2014	Below Reporting Limit (0.50 ppm)
8/28/2014	Below Reporting Limit (0.50 ppm)
8/29/2014	Below Reporting Limit (0.50 ppm)
9/2/2014	Below Reporting Limit (0.50 ppm)
9/3/2014	Below Reporting Limit (0.49 ppm)
9/4/2014	Below Reporting Limit (0.49 ppm)
9/5/2014	Below Reporting Limit (0.50 ppm)
9/8/2014	Below Reporting Limit (0.50 ppm)
9/11/2014	Below Reporting Limit (0.50 ppm)
9/26/2014	Below Reporting Limit (0.48 ppm)
9/30/2014	Below Reporting Limit (0.48 ppm)

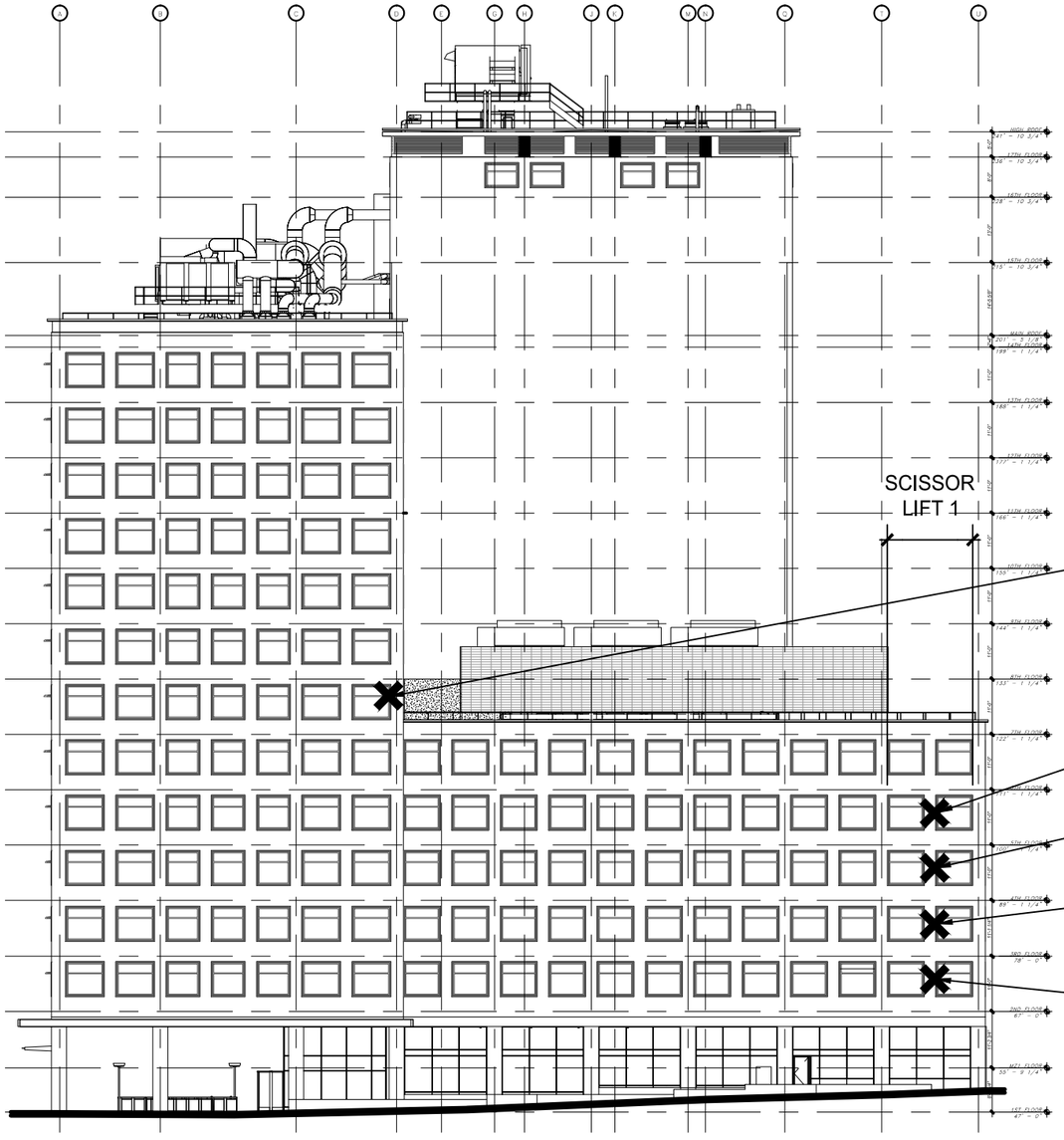
Notes
N/A = Not Analyzed
ND = Not Detected
ppm = parts per million
RL = Reporting Limit

FIGURES

LEGEND:

PCB SUBSTRATE SAMPLE LOCATION AND IDENTIFICATION NUMBER

XXXFL–PCB–SUB–WC–XX (X")



NORTH ELEVATION

NEW YORK UNIVERSITY

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

PCB SUBSTRATE SAMPLE LOCATIONS
NORTH ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

Date: JANUARY 14, 2015

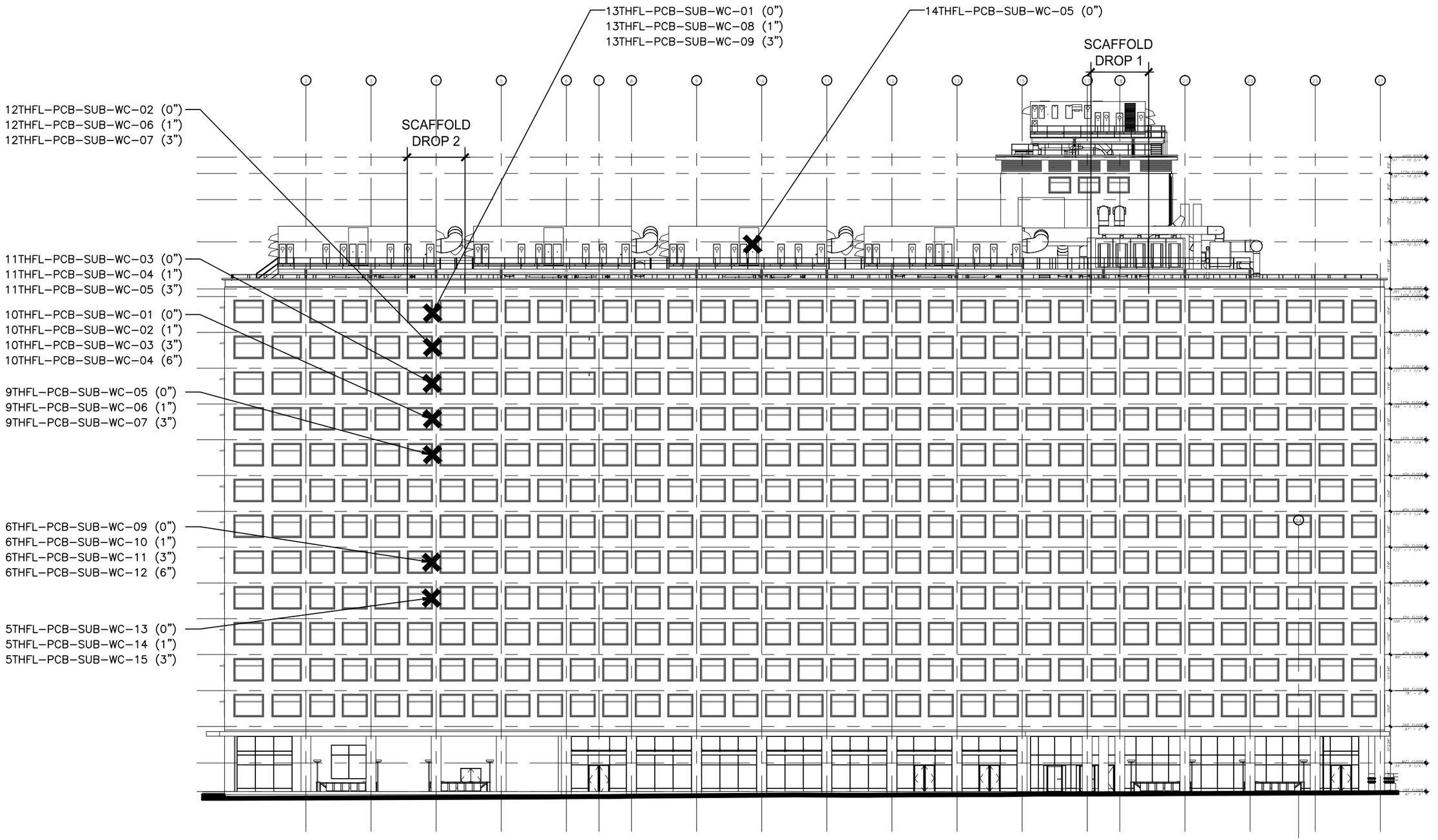
Sheet: N/A

Drawing No: PCB101.00

LEGEND:

PCB SUBSTRATE SAMPLE LOCATION AND IDENTIFICATION NUMBER

XXXFL–PCB–SUB–WC–XX (X")



EAST ELEVATION

NEW YORK UNIVERSITY

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
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PCB SUBSTRATE SAMPLE LOCATIONS
EAST ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

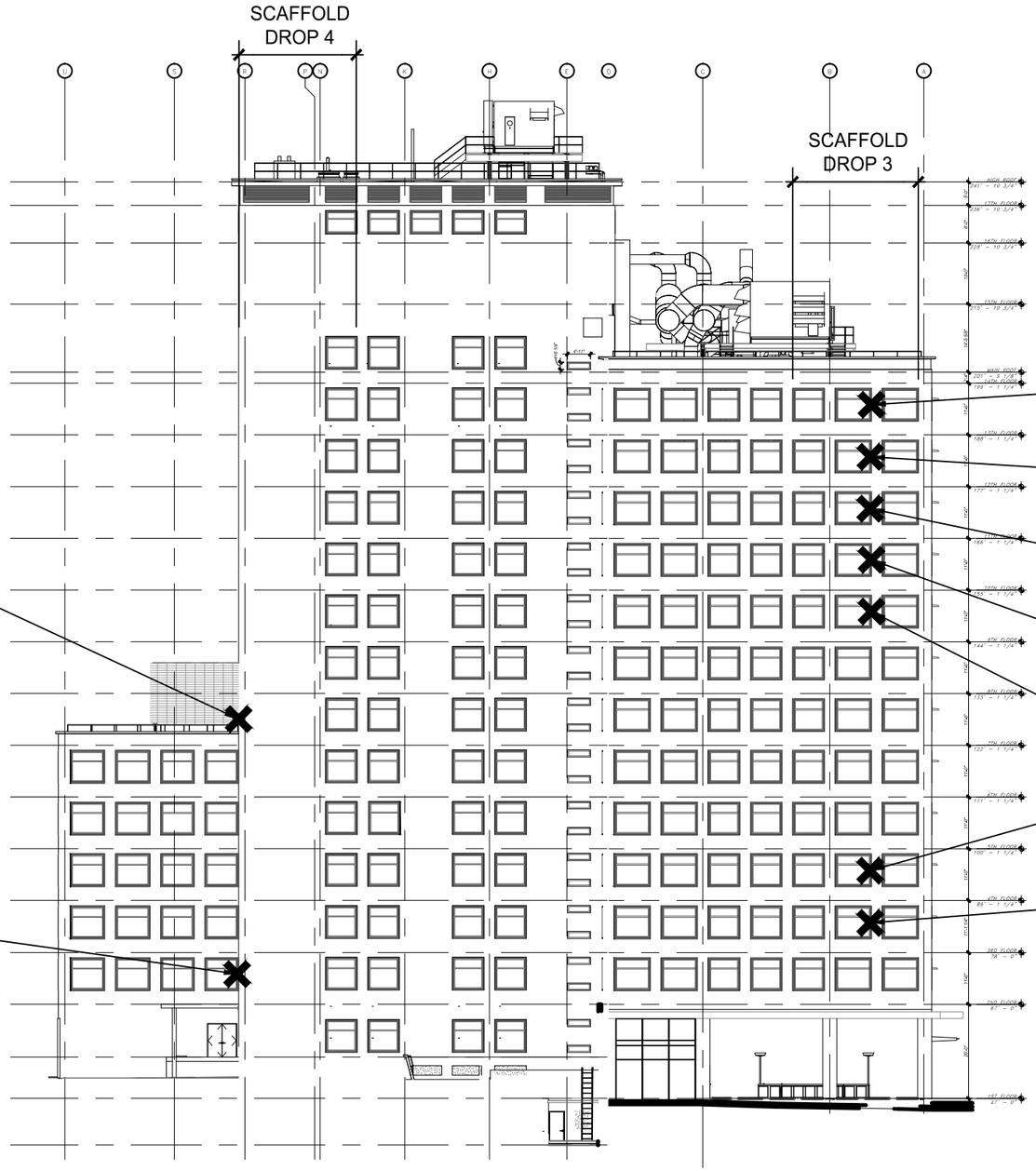
Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB102.00

LEGEND:

✖ PCB SUBSTRATE SAMPLE LOCATION AND IDENTIFICATION NUMBER
XXXFL–PCB–SUB–WC–XX (X")



SOUTH ELEVATION (WEST)

SOUTH ELEVATION (EAST)

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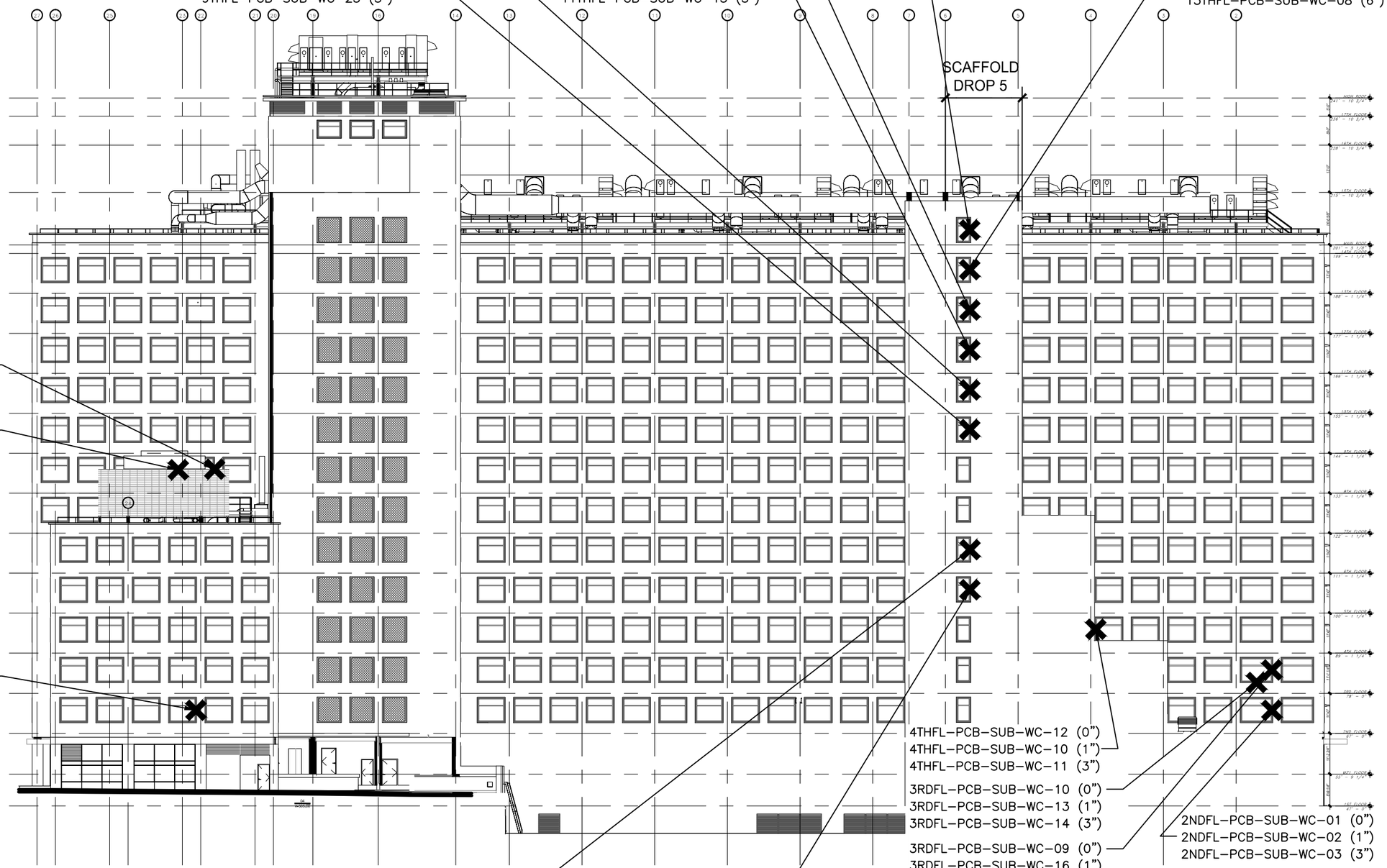
PCB SUBSTRATE SAMPLE LOCATION
SOUTH ELEVATION

Contract No: 221253.0000.0000
Scale: NTS
Date: JANUARY 14, 2015
Sheet: N/A
Drawing No: PCB103.00

LEGEND:

✖ PCB SUBSTRATE SAMPLE LOCATION AND IDENTIFICATION NUMBER

XXXFL–PCB–SUB–WC–XX (X")



WEST ELEVATION

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PCB SUBSTRATE SAMPLE LOCATIONS
WEST ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

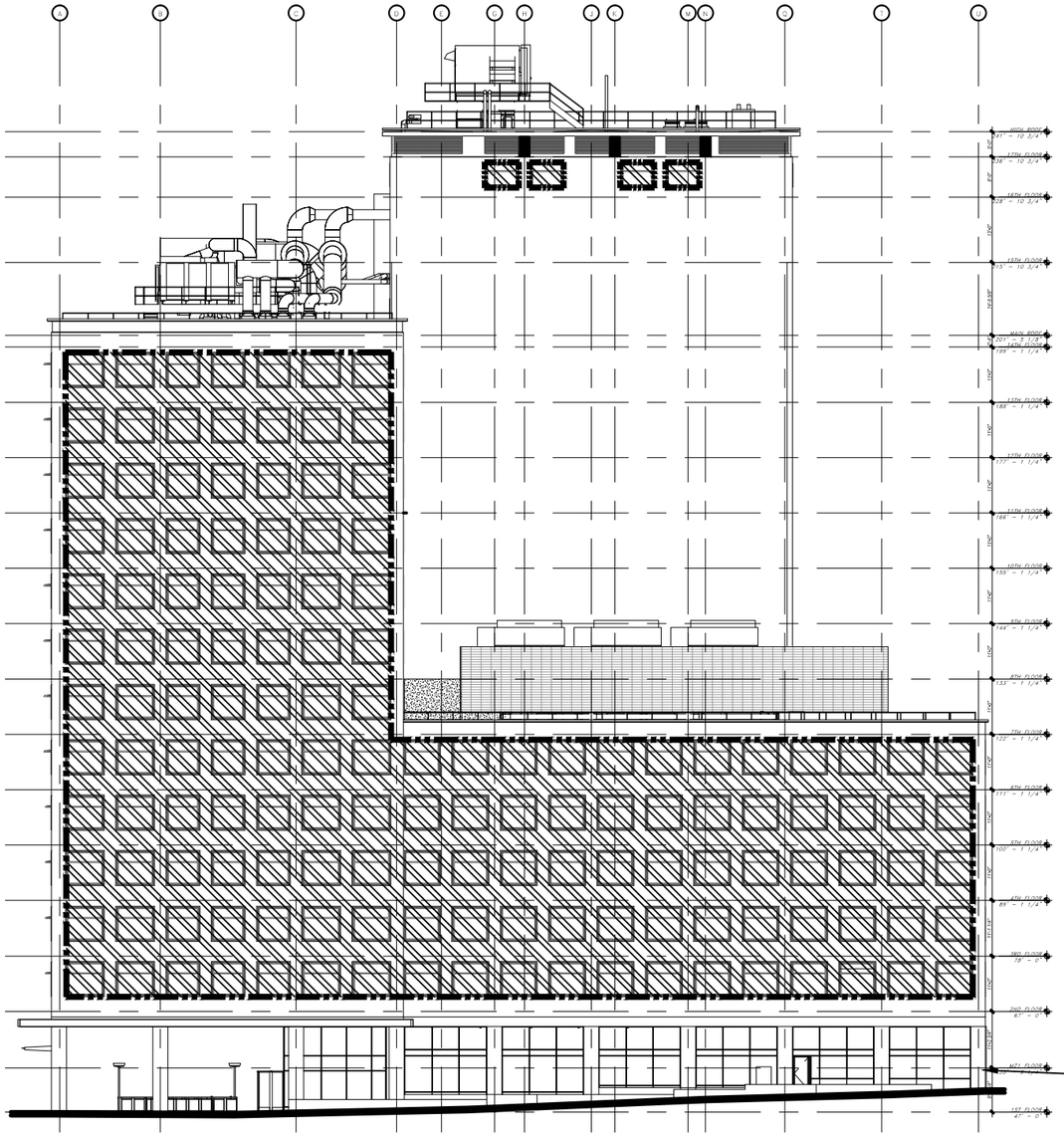
Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB104.00

LEGEND:

AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



1ST FLOOR GRANITE SUBSTRATE

NORTH ELEVATION

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212-221-7822

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AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
NORTH ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

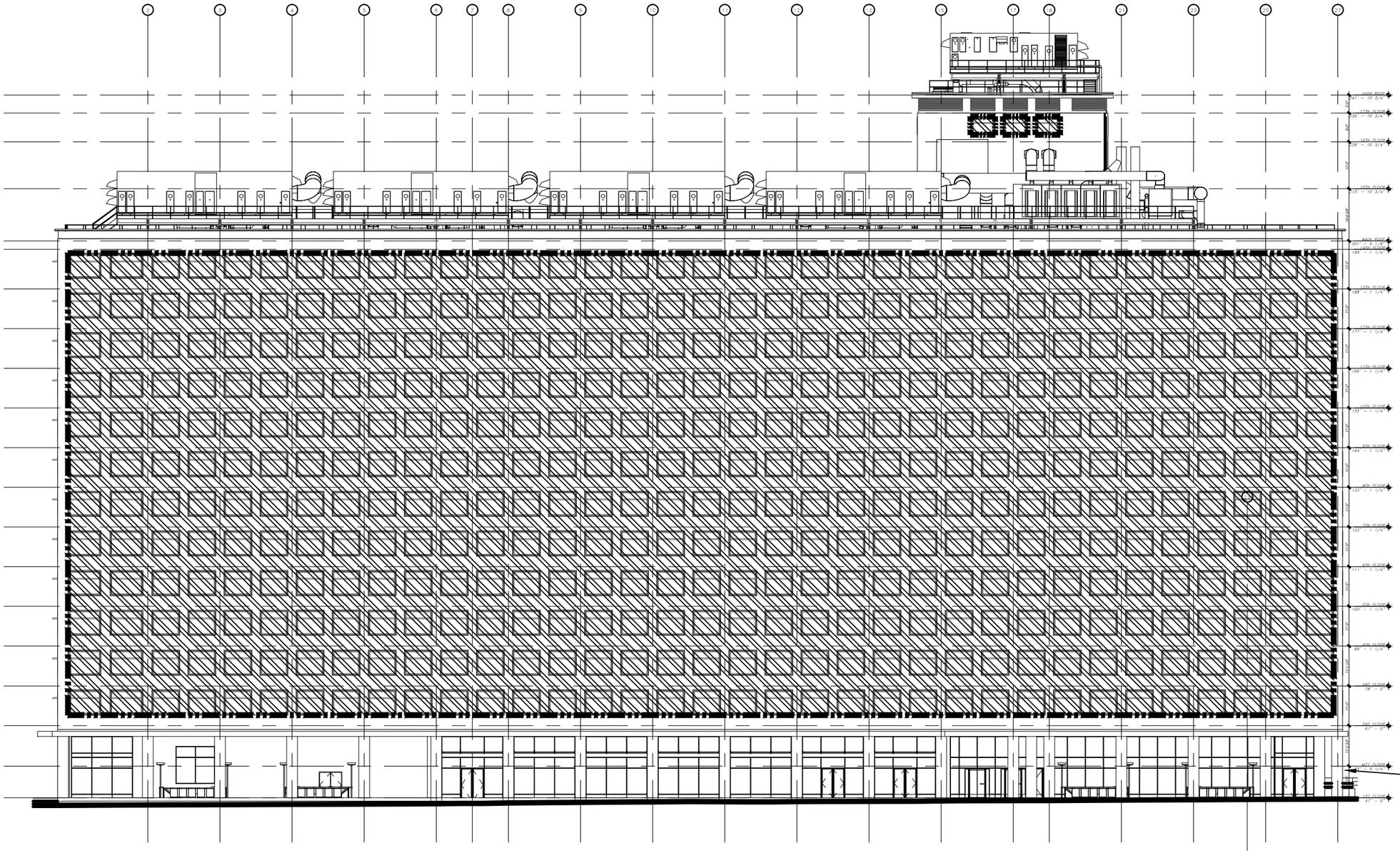
Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB105.00

LEGEND:

AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



EAST ELEVATION

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212-221-7822

Revisions:

No.	Date:

Designed by: DB

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AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
EAST ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

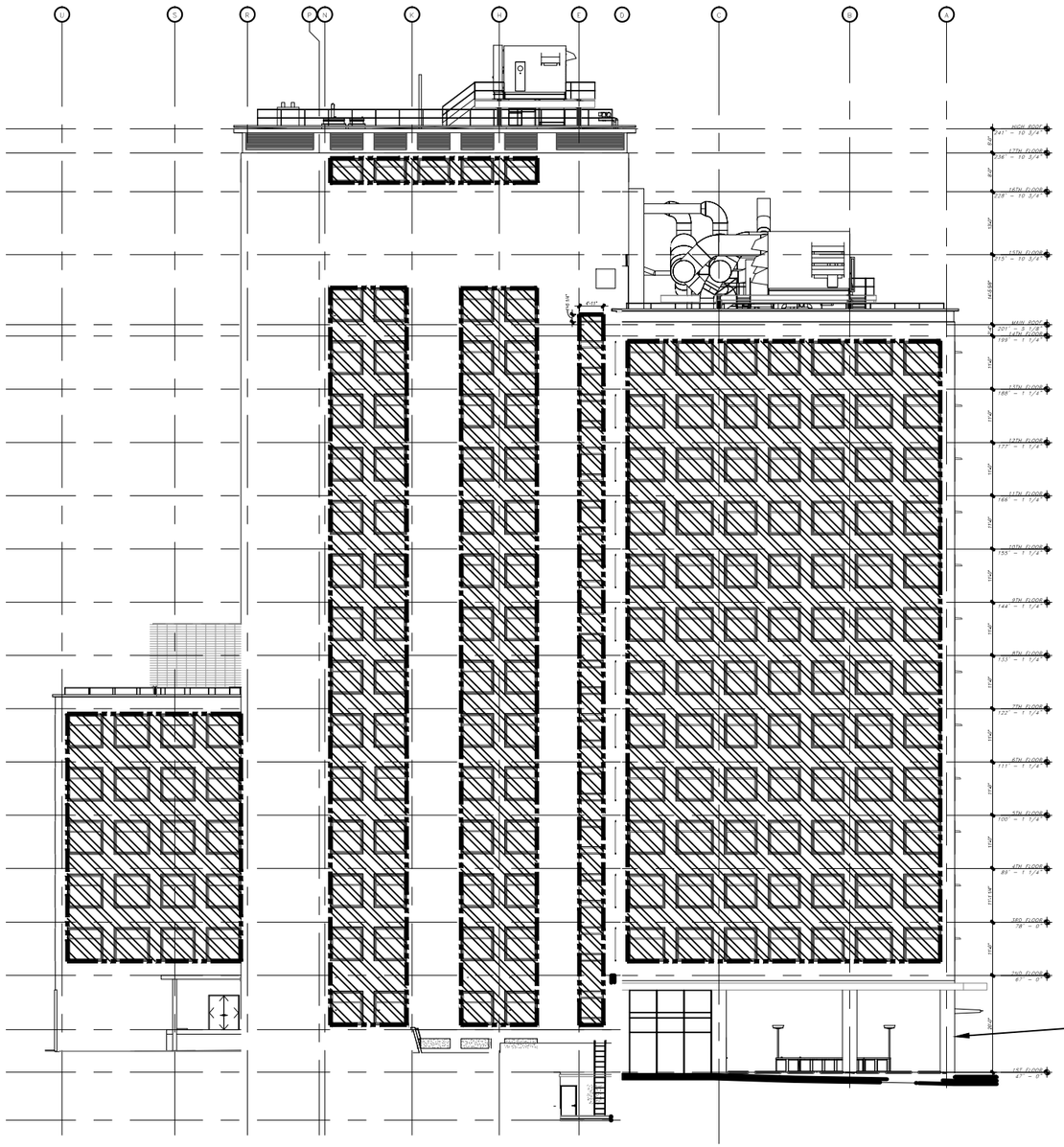
Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB106.00

LEGEND:

AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



SOUTH ELEVATION (WEST)

SOUTH ELEVATION (EAST)

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212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

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AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
SOUTH ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

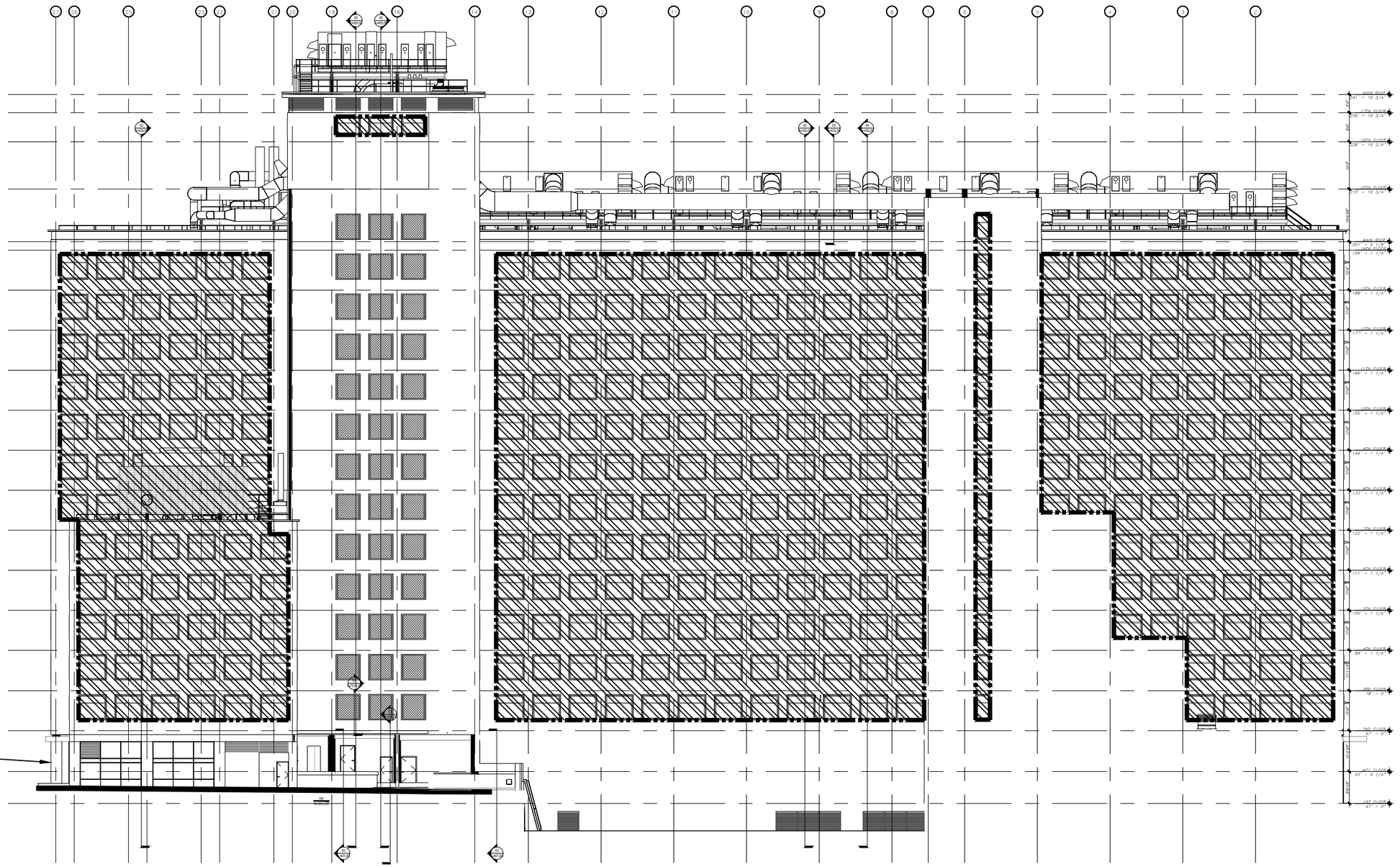
Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB107.00

LEGEND:

AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



WEST ELEVATION

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Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

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NEW YORK, NEW YORK

AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
WEST ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

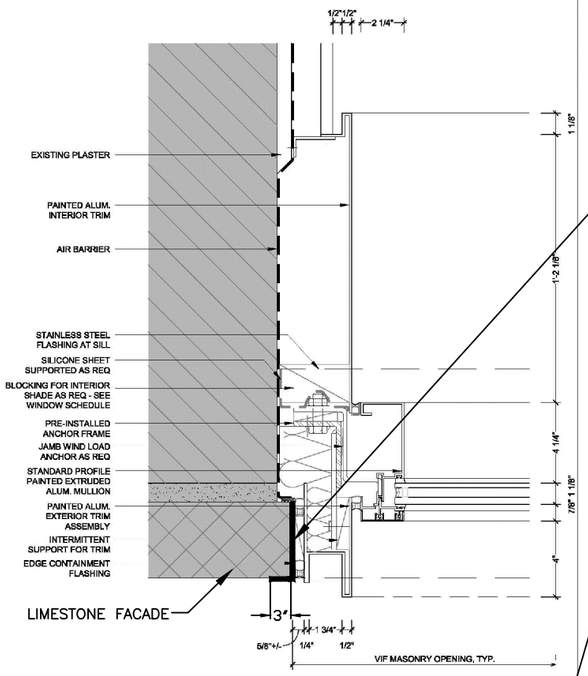
Date: JANUARY 14, 2015

Sheet: N/A

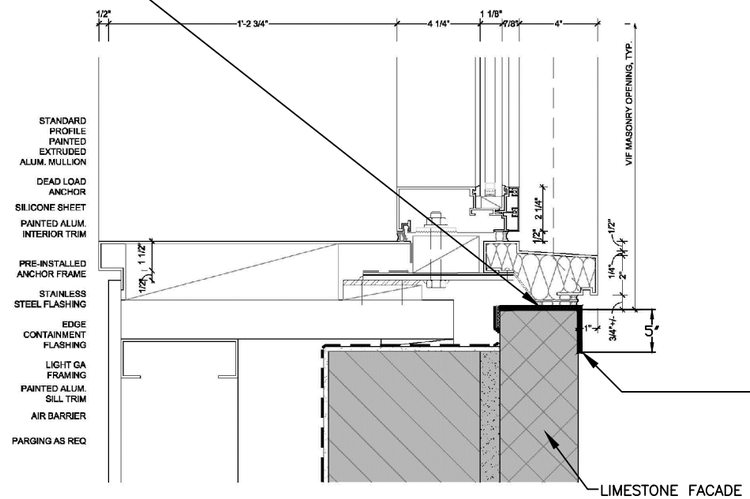
Drawing No: PCB108.00

LEGEND:

ENCAPSULANT APPLIED TO 3" FROM ORIGINAL EXTERIOR PCB CAULK LINE AND TO INTERIOR PORTION OF LIMESTONE

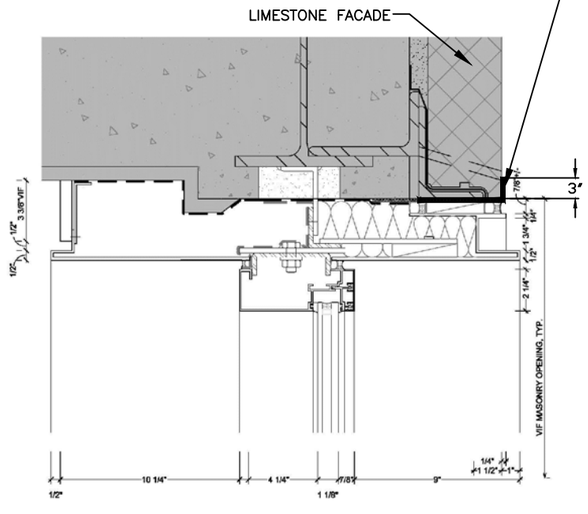


WINDOW DETAILS – TYPICAL WINDOW SILL
NTS



WINDOW DETAILS – TYPICAL WINDOW JAMB
NTS

NOTE:
EXTERIOR CAULK UNDER ORIGINAL WINDOW SILL WAS LOCATED UP TO 2" BELOW MASONRY OPENING ENCAPSULANT TO THEREFORE BE APPLIED 5" FROM MASONRY OPENING AT SILL DETAIL ONLY



WINDOW DETAILS – TYPICAL WINDOW HEADER
NTS

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NEW YORK, NEW YORK 10018
212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

PCB WINDOW ENCAPSULATION DETAILS
TYPICAL WINDOW SILL, JAMB AND HEADER

Contract No: 221253.0000.0000

Scale: NTS

Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB109.00

APPENDIX A

LABORATORY ANALYTICAL DATA

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 8/14/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/6/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.000 / 370 Jay St., Brooklyn, NY

The reference number for these samples is EMSL Order #011404131. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Revised Report- Sample ID for -0001 revised to reflect the client COC. - Original Report 8/14/14

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404131
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/06/14 9:30 AM

Project: **221253.0000.000 / 370 Jay St., Brooklyn, NY**

Analytical Results

Client Sample Description 7th Fl.-PCB-SUB-WC-01
Substrate below ext. window frame caulk
Collected: 8/5/2014 9:39:00 AM
Lab ID: *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1221	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1232	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1242	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1248	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1254	57	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1260	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1262	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1268	ND	4.9	mg/Kg	8/8/2014	AB	8/12/2014	EH

Client Sample Description 7th Fl.-PCB-SUB-WC-02
Substrate below ext. window frame caulk
Collected: 8/5/2014 10:32:00 AM
Lab ID: *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1221	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1232	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1242	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1248	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1254	140	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1260	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1262	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1268	ND	10	mg/Kg	8/8/2014	AB	8/12/2014	EH

Client Sample Description 8th Fl.-PCB-SUB-WC-03
Substrate below ext. window frame caulk
Collected: 8/5/2014 11:48:00 AM
Lab ID: *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1221	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1232	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1242	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1248	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1254	220	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1260	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1262	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1268	ND	20	mg/Kg	8/8/2014	AB	8/12/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011404131
CustomerID:	TRCE51
CustomerPO:	
ProjectID:	

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/06/14 9:30 AM

Project: **221253.0000.000 / 370 Jay St., Brooklyn, NY**

Analytical Results

Client Sample Description 8th Fl.-PCB-SUB-WC-04
Substrate below ext. window frame caulk

Collected: 8/5/2014 11:52:00 AM

Lab ID: *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1254	320	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	8/8/2014	AB	8/12/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

EMSL Analytical Inc.

SOIL / SOLID SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	**Total Out**
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
MB 1 OP 3084-35	08/11/14 15:53	85	90	77	83	0
LCS 1 OP 3084-35	08/11/14 16:23	92	95	78	82	0
011403914-1 10X	08/11/14 16:53	116 D	139 D	125 D	140 D	0
011404118-1 10X	08/11/14 17:24	106 D	130 D	112 D	123 D	0
011404118-2 10X	08/11/14 17:54	111 D	134 D	116 D	126 D	0
011404118-3 10X	08/11/14 18:24	109 D	129 D	115 D	125 D	0
011404118-7 4X	08/11/14 18:54	93 D	107 D	92 D	100 D	0
011404118-8 4X	08/11/14 19:24	101 D	119 D	98 D	106 D	0
011404118-9 4X	08/11/14 19:55	93 D	109 D	95 D	103 D	0
011404118-1 MS	08/11/14 22:25	104 D	121 D	107 D	117 D	0
011404140-1 4X	08/11/14 22:25	98 D	102 D	84 D	85 D	0
011404140-2 4X	08/11/14 22:53	56 D	60 D	45 D	47 D	0
011404118-1 MS	08/11/14 22:56	100 D	116 D	105 D	115 D	0
011404140-3 4X	08/11/14 23:21	73 D	78 D	59 D	63 D	0
011404140-4 4X	08/11/14 23:49	101 D	102 D	81 D	81 D	0
011404086-2 4X	08/12/14 01:12	110 D	113 D	96 D	101 D	0
011404086-3 4X	08/12/14 01:39	105 D	108 D	85 D	87 D	0
011404086-4 4X	08/12/14 02:07	100 D	105 D	87 D	84 D	0
011404131-1 100X	08/12/14 09:39	D	D	D	D	0
011404131-2 200X	08/12/14 10:09	D	D	D	D	0
011404131-3 400X	08/12/14 10:40	D	D	D	D	0
011404131-4 500X	08/12/14 11:10	D	D	D	D	0
011404150-1 4X	08/12/14 00:16	61 D	63 D	52 D	53 D	0
011404086-1 4X	08/12/14 00:44	106 D	110 D	93 D	95 D	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3084-35 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	Y32472.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	ECD-Y	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/8/2014
GC Column:	CLPest I (0.25 mm)	**Analysis Date**	8/11/2014 3:53:23 PM
GC Column 2:	CLPest II (0.25 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL / SOLID LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original** LCS 1 OP
File ID: Y32472.D/Y32473.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	58	123	1.50	1.41	94
2	Aroclor 1260	11096-82-5	63	131	1.50	1.30	86
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original** 011404118-1 MS 10X
File ID: Y32475.D/Y32485.D/Y32486.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	1.49	1.94	131	1.49	1.92	129	1
2	Aroclor 1260	11096-82-5	43	167	25	0.00	1.49	1.81	122	1.49	1.81	122	0
				Total Out					0 of 2			0 of 2	0 of 2

011404131

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name:	Project Name and Address:	Samples Collected By	Page:
NYU	370 Jay St. Brooklyn, NY	J. Oestreicher / D. Khinich	1 of 1
Date:	**Requested Turnaround Time:**	**Project Manager:**	**Project Number:**
8/5/14	~~Standard~~ 1 week	D. Bryant	221253.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	7th Fl.-PCB-SUB-WC-01	Ext	Substrate below ext. window		7	35g		8/5/14	0939	
2	7th Fl.-PCB-SUB-WC-02	Ext.	frame caulk		↓	22g		8/5/14	1032	
3	8th Fl.-PCB-SUB-WC-03	Ext.	↓		8	21g		8/5/14	1148	
4	8th Fl.-PCB-SUB-WC-04	Ext	↓		↓	20g		8/5/14	1152	

2014 AUG -5 PM 2:36

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ 20 8/5/14
~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following~~ Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): J. Oestreicher	8/5/14	1420		8/5	2350	Field	
(Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign)						Others	

Analytical Method:	Lab Comments:	Analyzed By:	Date & Time:
EPA Method 8082		Print Name:	
* See special instructions box		Sign:	

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 8/27/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/8/2014. The results are tabulated on the attached data pages for the following client designated project:

221253

The reference number for these samples is EMSL Order #011404177. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Revised Report (3)- Sample analysis for -0012, -0013, -0017,-0018, -0021 and -0022 analyzed per the client's request. –Revised Report 8/22/13

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EMSL Order: 011404177
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/08/14 8:00 AM

Project: **221253**

Analytical Results

Client Sample Description 7th Fl-PCB-WC-01
Exterior window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	8000	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	500	mg/Kg	8/11/2014	AB	8/13/2014	EH

Client Sample Description 7th Fl-PCB-WC-02
Exterior window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	15000	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	480	mg/Kg	8/11/2014	AB	8/13/2014	EH

Client Sample Description 8th Fl-PCB-WC-03
Exterior window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	23000	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH

EMSL Analytical, Inc.
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EMSL Order: 011404177
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/08/14 8:00 AM

Project: **221253**

Analytical Results

Client Sample Description 8th Fl-PCB-WC-04
Exterior window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	25000	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	1200	mg/Kg	8/11/2014	AB	8/13/2014	EH

Client Sample Description 14th Fl-PCB-WC-05
Exterior window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	1.3	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	1.0	mg/Kg	8/11/2014	AB	8/13/2014	EH

Client Sample Description 14th Fl-PCB-WC-06
Exterior window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.94	mg/Kg	8/11/2014	AB	8/13/2014	EH

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EMSL Order: 011404177
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/08/14 8:00 AM

Project: **221253**

Analytical Results

Client Sample Description 8/6/14-EBLANK Equipment Blank — ***Collected:*** 8/6/2014 — ***Lab ID:*** *0007*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1242	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.47	mg/Kg	8/12/2014	AB	8/12/2014	TL

Client Sample Description 14th Fl-PCB-SUB-WC-05 Substrate under exterior window frame caulk — ***Collected:*** 8/6/2014 — ***Lab ID:*** *0008*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1242	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1254	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.98	mg/Kg	8/11/2014	AB	8/13/2014	EH

Client Sample Description 14th Fl-PCB-SUB-WC-06 Substrate under exterior window frame caulk — ***Collected:*** 8/6/2014 — ***Lab ID:*** *0009*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1221	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1232	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1242	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1248	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1254	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1260	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1262	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1268	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH

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Project: **221253**

Analytical Results

Client Sample Description 2nd Fl-PCB-WC-07
Ext. window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0010*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1221	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1232	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1242	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1248	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1254	32000	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1260	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1262	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1268	ND	2400	mg/Kg	8/12/2014	AB	8/14/2014	EH

Client Sample Description 2nd Fl-PCB-WC-08
Ext. window frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0011*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1221	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1232	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1242	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1248	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1254	20000	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1260	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1262	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1268	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH

Client Sample Description 2nd Fl-PCB-SUB-WC-07
Substrate under ext. win. frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0012*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1254	370	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA

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Analytical Results

Client Sample Description 2nd Fl-PCB-SUB-WC-08
Substrate under ext. win. frame caulk
Collected: 8/6/2014 ***Lab ID:*** *0013*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1221	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1232	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1242	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1248	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1254	490	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1260	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1262	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1268	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA

Client Sample Description 8/7/14-EBLANK
Equipment Blank
Collected: 8/7/2014 ***Lab ID:*** *0014*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	8/12/2014	AB	8/12/2014	TL

Client Sample Description 3rd Fl-PCB-WC-09
Ext. window frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1221	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1232	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1242	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1248	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1254	35000	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1260	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1262	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1268	ND	2300	mg/Kg	8/12/2014	AB	8/14/2014	EH

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Project: **221253**

Analytical Results

Client Sample Description 3rd Fl-PCB-WC-10
Ext. window frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0016*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1221	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1232	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1242	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1248	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1254	230	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1260	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1262	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1268	ND	12	mg/Kg	8/12/2014	AB	8/14/2014	EH

Client Sample Description 3rd Fl-PCB-SUB-WC-09
Substrate under ext. win frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0017*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1221	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1232	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1242	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1248	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1254	570	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1260	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1262	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1268	ND	50	mg/Kg	8/21/2014	AB	8/25/2014	EA

Client Sample Description 3rd Fl-PCB-SUB-WC-10
Substrate under ext. win frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0018*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1254	260	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA

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Project: **221253**

Analytical Results

Client Sample Description 4th Fl-PCB-WC-11
Ext. window frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0019*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1221	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1232	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1242	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1248	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1254	21000	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1260	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1262	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1268	ND	1200	mg/Kg	8/12/2014	AB	8/14/2014	EH

Client Sample Description 4th Fl-PCB-WC-12
Ext. window frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0020*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1221	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1232	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1242	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1248	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1254	57000	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1260	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1262	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH
3540C/8082A	Aroclor-1268	ND	2500	mg/Kg	8/12/2014	AB	8/14/2014	EH

Client Sample Description 4th Fl-PCB-SUB-WC-11
Substrate under ext. win frame caulk
Collected: 8/7/2014 ***Lab ID:*** *0021*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1254	300	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	8/21/2014	AB	8/25/2014	EA

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Project: **221253**

Analytical Results

Client Sample Description 4th Fl-PCB-SUB-WC-12
Substrate under ext. win frame caulk

Collected: 8/7/2014 ***Lab ID:*** 0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1221	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1232	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1242	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1248	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1254	990	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1260	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1262	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA
3540C/8082A	Aroclor-1268	ND	99	mg/Kg	8/21/2014	AB	8/25/2014	EA

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

EMSL Analytical Inc.

SOIL / SOLID SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	Total Out
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
011404177-9 100X	08/13/14 22:09	D	D	D	D	0
MB 1 OP 3084-40	08/13/14 14:54	105	98	87	83	0
LCS 1 OP 3084-40	08/13/14 15:22	103	98	89	84	0
011404052-1 4X	08/13/14 15:49	92 D	97 D	81 D	87 D	0
011404052-1 20X	08/13/14 16:17	D	D	D	D	0
011404052-2 4X	08/13/14 16:45	83 D	87 D	76 D	82 D	0
011404177-5 4X	08/13/14 17:07	100 D	119 D	101 D	106 D	0
011404052-2 20X	08/13/14 17:12	D	D	D	D	0
011404177-6 4X	08/13/14 17:37	103 D	122 D	102 D	116 D	0
011404052-3 700X	08/13/14 17:40	D	D	D	D	0
011404052-4 4X	08/13/14 18:07	82 D	86 D	74 D	82 D	0
011404177-8 10X	08/13/14 18:07	109 D	133 D	122 D	127 D	0
011404052-5 4X	08/13/14 18:34	68 D	76 D	66 D	71 D	0
011404177-9 10X	08/13/14 18:38	105 D	128 D	124 D	128 D	0
011404052-6 4X	08/13/14 19:02	92 D	97 D	86 D	94 D	0
011404052-7 4X	08/13/14 19:29	87 D	92 D	82 D	100 D	0
011404052-8 4X	08/13/14 19:57	113 D	115 D	100 D	115 D	0
011404177-1 2KX	08/13/14 20:09	D	D	D	D	0
011404052-9 4X	08/13/14 20:24	104 D	110 D	88 D	92 D	0
011404177-2 2KX	08/13/14 20:39	D	D	D	D	0
011404052-10 4X	08/13/14 20:52	105 D	111 D	89 D	91 D	0
011404177-3 5KX	08/13/14 21:09	D	D	D	D	0
011404052-11 4X	08/13/14 21:19	108 D	114 D	93 D	95 D	0
011404177-4 5KX	08/13/14 21:39	D	D	D	D	0
011404052-12 4X	08/13/14 21:47	106 D	112 D	92 D	95 D	0
011404177-8 MS	08/14/14 10:13	107 D	127 D	109 D	119 D	0
011404177-8 MSD	08/14/14 10:43	91 D	106 D	100 D	110 D	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3084-40 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	X35909.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	ECD-X	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/11/2014
GC Column:	CLPest I (0.25 mm)	**Analysis Date**	8/13/2014 2:54:38 PM
GC Column 2:	CLPest II (0.25 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL / SOLID LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original** LCS 1 OP
File ID: X35909.D/X35910.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	58	123	1.50	1.51	101
2	Aroclor 1260	11096-82-5	63	131	1.50	1.35	90
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original** 011404177-8 MS 10X

File ID: Y32547.D/Y32579.D/Y32580.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	2.93	3.92	134	2.95	3.61	123	9
2	Aroclor 1260	11096-82-5	43	167	25	0.00	2.93	3.59	123	2.95	3.49	118	4
				Total Out					0 of 2			0 of 2	0 of 2

EMSL Analytical Inc.

ORGANIC PCB SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	**Total Out**
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-140)	(30-140)	(30-140)	(30-140)	
MB 1 3084-41	08/12/14 17:49	85	114	122	111	0
LCS 1 3084-41	08/12/14 18:12	94	122	122	111	0
LCS 2 3084-41	08/12/14 18:36	96	125	124	113	0
3749-11	08/12/14 19:23	97	107	129	115	0
4185-1	08/12/14 19:46	83	71	61	55	0
4185-2	08/12/14 20:10	101	111	133	119	0
4177-7	08/12/14 20:33	88	110	122	107	0
4177-14	08/12/14 20:57	87	116	124	109	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 3084-41
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	H05382.D	**Sample Matrix:**	Organic
Instrument ID:	GC-ECD-H	**Sampling Date:**	12:00:00 AM
Analyst:	TL	**Date Extracted:**	8/12/2014
GC Column:	CLPest I (0.32 mm)	**Analysis Date**	8/12/2014 5:49:00 PM
GC Column 2:	CLPest II (0.32 mm)		1 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3580A	**Sulfur Cleanup:**	N
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/kg)	CONC. (mg/kg)	Q
12674-11-2	Aroclor 1016	0.50		U
11104-28-2	Aroclor 1221	0.50		U
11141-16-5	Aroclor 1232	0.50		U
53469-21-9	Aroclor 1242	0.50		U
12672-29-6	Aroclor 1248	0.50		U
11097-69-1	Aroclor 1254	0.50		U
11096-82-5	Aroclor 1260	0.50		U
37324-23-5	Aroclor 1262	0.50		U
11100-14-4	Aroclor 1268	0.50		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

PCB's by 3580a/8082a

Laboratory Control Spike/ Laboratory Control Spike Duplicate Recovery Form

	Matrix	Organic	**Analytical Sequence #**	H140812
Spike Added	**mg/Kg**	15.000	**Analytical Batch #**	OP 3084-41
			Analytical Batch Extraction Date	08/12/14

Data File:	LCS 1 OP 3084-41	LCS 2 OP 3084-41
Data File:	H05383.D	H05384.D
Analysis Time/Date	8/12/14 6:12 PM	8/12/14 6:36 PM

Compound	LCS 1 mg/Kg	LCS 1 RECOVERY	LCS 2 mg/Kg	LCS 2 RECOVERY	Recovery Limits	RPD	RPD Limits
Aroclor 1016	17.9	119	18.2	122	78 - 201	2	20
Aroclor 1260	18.2	121	18.7	125	57 - 218	3	20

D=DILUTED OUT
NR= NOT RECOVERED

EMSL Analytical Inc.

SOIL / SOLID SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	Total Out
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
011404221-1 MS	08/13/14 10:19	106 D	109 D	90 D	91 D	0
011404221-1 MSD	08/13/14 10:47	101 D	105 D	87 D	89 D	0
MB 1 OP 3084-42	08/13/14 08:56	105	99	87	82	0
LCS 1 OP 3084-42	08/13/14 09:24	101	96	88	82	0
011404221-1 4X	08/13/14 09:51	113 D	116 D	94 D	98 D	0
011404034-1 4X	08/14/14 01:10	100 D	119 D	84 D	93 D	0
011404034-2 4X	08/14/14 01:40	64 D	78 D	59 D	64 D	0
MB 1 OP 3084-42	08/14/14 10:52	71	74	82	89	0
011404169-1 4X	08/14/14 11:13	73 D	83 D	76 D	84 D	0
LCS 1 OP 3084-42	08/14/14 11:14	73	71	82	89	0
011404083-1 4X	08/14/14 11:37	72 D	62 D	94 D	75 D	0
011404169-2 2kX	08/14/14 11:44	D	D	D	D	0
011404059-1 10kX	08/14/14 12:14	D	D	D	D	0
011404034-3 4X	08/14/14 02:10	78 D	90 D	88 D	95 D	0
011404034-4 4X	08/14/14 02:40	92 D	108 D	88 D	98 D	0
011404034-5 4X	08/14/14 03:10	106 D	124 D	98 D	110 D	0
011404230-1 2X	08/14/14 15:21	41 D	51 D	32 D	39 D	0
011404034-6 3X	08/14/14 03:40	102 D	117 D	86 D	98 D	0
011404230-2 4X	08/14/14 15:52	100 D	136 D	77 D	83 D	0
011404230-1 10X	08/14/14 16:26	51 D	60 D	45 D	42 D	0
011404187-1 4X	08/14/14 04:41	110 D	128 D	109 D	117 D	0
011404230-2 10X	08/14/14 16:56	52 D	64 D	56 D	59 D	0
011404177-10	08/14/14 17:26	D	D	D	D	0
011404177-11 5kX	08/14/14 17:57	D	D	D	D	0
011404177-15	08/14/14 18:27	D	D	D	D	0
011404177-19 5kX	08/14/14 18:57	D	D	D	D	0
011404177-20	08/14/14 19:27	D	D	D	D	0
011404177-16 50X	08/14/14 08:42	D	D	D	D	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3084-42 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	X35896.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	ECD-X	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/12/2014
GC Column:	CLPest I (0.25 mm)	**Analysis Date**	8/13/2014 8:56:54 AM
GC Column 2:	CLPest II (0.25 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL / SOLID LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original** LCS 1 OP
File ID: X35896.D/X35897.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	58	123	1.50	1.43	96
2	Aroclor 1260	11096-82-5	63	131	1.50	1.33	89
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original** 011404221-1 MS 4X CU

File ID: X35898.D/X35899.D/X35900.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	7.39	8.60	116	7.21	8.08	112	4
2	Aroclor 1260	11096-82-5	43	167	25	0.00	7.39	7.34	99	7.21	7.05	98	1
				Total Out					0 of 2			0 of 2	0 of 2

EMSL Analytical Inc.

SOIL PESTICIDE/PCB SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	Total Out
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
011404156-1 4X	08/19/14 14:00	115 D	119 D	108 D	110 D	0
011404156-2 4X	08/19/14 14:27	108 D	112 D	99 D	102 D	0
011404156-3 5X	08/19/14 14:55	81 D	85 D	124 D	124 D	0
011404303-1 4X	08/19/14 15:33	96 D	115 D	86 D	92 D	0
011404171-1 4X	08/19/14 16:03	96 D	113 D	93 D	104 D	0
011404341-1 400X	08/19/14 17:22	D	D	D	D	0
011404156-3 100X	08/19/14 17:53	D	D	D	D	0
MB 1 OP 3102-3	08/19/14 08:37	85	90	89	99	0
011404274-47 MS	08/19/14 08:47	94 D	112 D	91 D	96 D	0
LCS 1 OP 3102-3	08/19/14 09:00	85	84	87	95	0
011404274-47	08/19/14 09:17	89 D	104 D	88 D	94 D	0
011404022-7 CU	08/19/14 09:22	83	90	88	92	0
011404274-52 10X	08/19/14 09:32	101 D	110 D	94 D	99 D	0
011404177-6R 4X	08/19/14 09:45	86 D	93 D	113 D	81 D	0
011404274-47 10X	08/19/14 09:48	112 D	132 D	109 D	114 D	0
011404274-53 10X	08/19/14 10:00	96 D	104 D	91 D	94 D	0
011404177-9R 10X	08/19/14 10:07	73 D	80 D	122 D	117 D	0
011404274-48 10X	08/19/14 10:18	96 D	115 D	102 D	110 D	0
011404274-54 10X	08/19/14 10:28	98 D	108 D	91 D	98 D	0
011404274-49 10X	08/19/14 10:48	99 D	119 D	102 D	110 D	0
011404274-55 10X	08/19/14 10:56	100 D	110 D	94 D	99 D	0
011404274-50 10X	08/19/14 11:19	104 D	124 D	104 D	113 D	0
011404274-56 10X	08/19/14 11:23	100 D	109 D	94 D	100 D	0
011404274-51 10X	08/19/14 11:49	100 D	120 D	102 D	112 D	0
011404274-57 10X	08/19/14 11:51	86 D	96 D	92 D	99 D	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3102-3 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	G06258.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	GC-ECD-G	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/18/2014
GC Column:	CLPest I (0.32 mm)	**Analysis Date**	8/19/2014 08:37:00 AM
GC Column 2:	CLPest II (0.32 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL PESTICIDE/PCB LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original File ID:** LCS 1 OP G06258.D/G06259.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	58	123	1.50	1.37	91
2	Aroclor 1260	11096-82-5	63	131	1.50	1.41	94
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL PESTICIDE/PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original** 011404274-47 MS 4X CU
File ID: Y32692.D/Y32690.D/Y32691.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	7.21	8.48	118	7.39	8.44	114	3
2	Aroclor 1260	11096-82-5	43	167	25	0.00	7.21	7.64	106	7.39	7.70	104	2
				Total Out					0 of 2			0 of 2	0 of 2

EMSL Analytical Inc.

SOIL PESTICIDE/PCB SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	Total Out
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(49-113)	(49-113)	(42-121)	(42-121)	
for QC ONLY	08/22/14 23:55	9 *	10 *	10 *	11 *	2
011404367-1 4X	08/23/14 01:13	91 D	101 D	83 D	89 D	0
011404367-2 4X	08/23/14 01:43	91 D	109 D	85 D	92 D	0
011404177-17 MS	08/23/14 01:44	100 D	105 D	89 D	91 D	0
011404177-17	08/23/14 02:12	95 D	101 D	91 D	90 D	0
011404367-3 4X	08/23/14 02:13	86 D	101 D	79 D	86 D	0
011404412-1 4X	08/23/14 02:39	84 D	79 D	87 D	85 D	0
011404367-4 4X	08/23/14 02:43	91 D	107 D	85 D	92 D	0
011404380-1 4X	08/23/14 03:07	78 D	69 D	62 D	62 D	0
011404367-5 4X	08/23/14 03:13	94 D	110 D	89 D	98 D	0
011404381-1 4X	08/23/14 03:35	92 D	95 D	82 D	76 D	0
011404367-6 4X	08/23/14 03:43	91 D	106 D	84 D	93 D	0
011404397-1 5X	08/23/14 04:02	59 D	60 D	46 D	46 D	0
011404367-7 4X	08/23/14 04:13	95 D	110 D	88 D	96 D	0
011404367-8 4X	08/23/14 04:43	99 D	114 D	88 D	97 D	0
011404367-9 4X	08/23/14 05:13	95 D	111 D	86 D	94 D	0
011404367-10 4X	08/23/14 05:43	95 D	110 D	88 D	96 D	0
MB 1 OP 3102-11	08/23/14 00:12	85	94	74	79	0
LCS 1 OP 3102-11	08/23/14 00:43	85	92	75	80	0
4177-12 500X	08/25/14 19:35	D	D	D	D	0
4177-13 1000X	08/25/14 20:03	D	D	D	D	0
4177-17 1000X	08/25/14 20:32	D	D	D	D	0
4177-18 500X	08/25/14 20:59	D	D	D	D	0
4177-21 500X	08/25/14 21:27	D	D	D	D	0
4177-22 2000X	08/25/14 21:54	D	D	D	D	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3102-11 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	Y32776.D	**Sample Matrix:**	Soil
Instrument ID:	ECD-Y	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/21/2014
GC Column:	CLPest I (0.25 mm)	**Analysis Date**	8/23/2014 12:12:00 AM
GC Column 2:	CLPest II (0.25 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/kg)	CONC. (mg/kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL PESTICIDE/PCB LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original File ID:** LCS 1 OP Y32776.D/Y32777.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/kg	LCS CONC. mg/kg	LCS REC%
1	Aroclor 1016	12674-11-2	50	124	1.50	1.36	91
2	Aroclor 1260	11096-82-5	65	112	1.50	1.22	81
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original File ID:** 011404177-17 MS 4X CU X36178.D/X36182.D/X36183.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/kg	MS CONC. mg/kg	MS REC%	MSD SPIKE ADDED mg/kg	MSD CONC. mg/kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	7.46	24.3	326 *	7.08	20.4	288 *	12
2	Aroclor 1260	11096-82-5	43	167	25	0.00	7.46	175.	2341 *	7.08	150.	2121 *	10
				Total Out					2 of 2			2 of 2	0 of 2

ms/msD Recoveries outside of method criteria due to high concentration of Aroclor 1254 detected in the sample chosen for spike.

LCS recovery meets all method criteria. 8/25/14

01140417?

TRC

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay St. Brooklyn, NY	Samples Collected By: J. Oestreicher/D Krimich	Page: 1 of 1
Date: 8/6/14	Requested Turnaround Time: Standard	Project Manager: D. Bryant	Project Number: 221253

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	7th Fl-PCB-WC-01	Ext.	Exterior window frame caulk	-	7	-	D	8/5/14	0920	
2	7th Fl.-PCB-WC-02	Ext.	↓	-	7	-	↓	↓	0923	
3	8th Fl.-PCB-WC-03	Ext.	↓	-	8	-	↓	↓	1008	
4	8th Fl.-PCB-WC-04	Ext.	↓	-	8	-	↓	↓	1012	
5	14th Fl.-PCB-WC-05	Ext.	↓	-	14	-	D	8/6/14	1042	
6	14th Fl.-PCB-WC-06	Ext.	↓	-	14	-	D	8/6/14	1058	
*7	8/6/14-BLANK	-	Equipment Blank	-	-	-	-	8/6/14	1126	
8	14th Fl.-PCB-SUB-WC-05	Ext.	Substrate under exterior	-	14	-	D	8/6/14	1055	
9	14th Fl.-PCB-SUB-WC-06	Ext.	window frame caulk	-	14	-	D	↓	1114	
10	2nd Fl.-PCB-WC-07	↓	Ext. window frame caulk	-	2	-	↓	↓	1401	
11	2nd Fl.-PCB-WC-08	↓	↓	-	2	-	↓	↓	1412	
** 12	2nd Fl.-PCB-SUB-WC-07	↓	Substrate under ext. win. frame caulk	-	2	-	↓	↓	1405	
** 13	2nd Fl.-PCB-SUB-WC-08	↓	↓	-	2	-	↓	↓	1417	

** Per Jeremy -0012 + 0013 are on hold pending results from -0010 + 0011 AKG 8/8

~~LEFT MESS- INSUFFICIENT VOL FOR -7, -14~~ 8/8/14 0935 -ECH Per Jeremy Equip blanks ~~[illegible]~~ AKG 8/8

Condition: G- Good, D -Damaged, SD- Significantly Damaged	Special Instruction to Laboratory: ~~Composite A, B, C samples.~~ No composite. All Grab samples JO 8/6/14 ~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via~~ EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal
I. (Print): J. Oestreicher	8/7/14	1500	[signature]	8/7/14	3:09 PM	Field
(Sign): [signature]			E.[signature] 4°C	8/8/14	0800	Walk In
II. (Print):						Fed-Ex
(Sign):						Others

	Analytical Method:	Lab Comments:	Analyzed By:	Date & Time:
JOestreicher@trcsolutions.com DBryant@trcsolutions.com	EPA Method 8082 * See special instructions box		Print Name: Sign:	

AUG -7 3:0

011404177

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU

Date: 8/7/14

Project Name and Address: 370 Jay St. Brooklyn, NY

Requested Turnaround Time: ~~Standard~~ 8/7 1 Week

Samples Collected By: J. Oestreicher / D. Khimich

Page: 1 of 1

Project Manager: D. Bryant

Project Number: 221253

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
14	8/7/14-EBLANK	Ext.	Equipment blank	–	–	–	–	8/7/14	0944	
15	3RDFL-PCB-WC-09	Ext.	Ext. window frame caulk	–	3	–	D	↓	1026	
16	3RDFL-PCB-WC-10	Ext.	↓	–	3	–	↓	↓	1035	
17	3RDFL-PCB-SUB-WC-09	Ext.	Substrate under ext. win. frame caulk	–	3	–	↓	↓	1031	
18	3RDFL-PCB-SUB-WC-10	Ext.	↓	–	3	–	↓	↓	1037	
19	4thFL-PCB-WC-11	Ext.	Ext. window frame caulk	–	4	–	D	↓	1157	
20	4thFL-PCB-WC-12	Ext.	↓	–	4	–	↓	↓	1207	
21	4thFL-PCB-SUB-WC-11	Ext.	Substrate under ext. win frame caulk	–	4	–	↓	↓	1200	
22	4thFL-PCB-SUB-WC-12	Ext.	↓	–	4	–	↓	↓	1210	

per Jeremy, -0017, 0018, 0021, 00022 on hold pending -0015, -0016, 0019, 0020 AKG 8/11

EMSL ANALYTICAL RECEIVED 2014 AUG -7 PM 3:08

Condition:

G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ JO 8/7/14 – All Grab Samples
~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis~~ via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal
I. (Print): Oestreicher	8/7/14	1500	[signature]	8/7/14	3:08 PM	Field
(Sign)			[signature] 4°c	8/8/14	0800	Walk In
II. (Print):						Fed-Ex
(Sign):						Others

JOestreicher@trcsolutions.com
DBryant@trcsolutions.com

Analytical Method:
EPA Method 8082
* See special instructions box

Lab Comments:

Analyzed By: Date & Time:
Print Name:
Sign:

OrderID: 011404177

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

8/21/2014

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/14/2014. The results are tabulated on the attached data pages for the following client designated project:

221253

The reference number for these samples is EMSL Order #011404303. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011404303
CustomerID:	TRCE51
CustomerPO:	
ProjectID:	

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/14/14 8:30 AM

Project: **221253**

Analytical Results

Client Sample Description 1st FL-DC-PCB-01
Exterior Door Caulk

Collected: 8/13/2014 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1221	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1232	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1242	2.2	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1248	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1254	14	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1260	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1262	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH
3540C/8082A	Aroclor-1268	ND	0.97	mg/Kg	8/18/2014	AB	8/19/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

EMSL Analytical Inc.

SOIL / SOLID SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	**Total Out**
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
011404274-53 10X	08/19/14 10:00	96 D	104 D	91 D	94 D	0
011404177-9R 10X	08/19/14 10:07	73 D	80 D	122 D	117 D	0
011404274-48 10X	08/19/14 10:18	96 D	115 D	102 D	110 D	0
011404274-54 10X	08/19/14 10:28	98 D	108 D	91 D	98 D	0
011404274-49 10X	08/19/14 10:48	99 D	119 D	102 D	110 D	0
011404274-55 10X	08/19/14 10:56	100 D	110 D	94 D	99 D	0
011404274-50 10X	08/19/14 11:19	104 D	124 D	104 D	113 D	0
011404274-56 10X	08/19/14 11:23	100 D	109 D	94 D	100 D	0
011404274-51 10X	08/19/14 11:49	100 D	120 D	102 D	112 D	0
011404274-57 10X	08/19/14 11:51	86 D	96 D	92 D	99 D	0
011404156-1 4X	08/19/14 14:00	115 D	119 D	108 D	110 D	0
011404156-2 4X	08/19/14 14:27	108 D	112 D	99 D	102 D	0
011404156-3 5X	08/19/14 14:55	81 D	85 D	124 D	124 D	0
011404303-1 4X	08/19/14 15:33	96 D	115 D	86 D	92 D	0
011404171-1 4X	08/19/14 16:03	96 D	113 D	93 D	104 D	0
011404341-1 400X	08/19/14 17:22	D	D	D	D	0
011404156-3 100X	08/19/14 17:53	D	D	D	D	0
MB 1 OP 3102-3	08/19/14 08:37	85	90	89	99	0
011404274-47 MS	08/19/14 08:47	94 D	112 D	91 D	96 D	0
LCS 1 OP 3102-3	08/19/14 09:00	85	84	87	95	0
011404274-47	08/19/14 09:17	89 D	104 D	88 D	94 D	0
011404022-7 CU	08/19/14 09:22	83	90	88	92	0
011404274-52 10X	08/19/14 09:32	101 D	110 D	94 D	99 D	0
011404177-6R 4X	08/19/14 09:45	86 D	93 D	113 D	81 D	0
011404274-47 10X	08/19/14 09:48	112 D	132 D	109 D	114 D	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3102-3 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	G06258.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	GC-ECD-G	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/18/2014
GC Column:	CLPest I (0.32 mm)	**Analysis Date**	8/19/2014 8:37:00 AM
GC Column 2:	CLPest II (0.32 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL / SOLID LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original** LCS 1 OP
File ID: G06258.D/G06259.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	58	123	1.50	1.37	91
2	Aroclor 1260	11096-82-5	63	131	1.50	1.41	94
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original** 011404274-47 MS 4X

File ID: Y32692.D/Y32690.D/Y32691.D

*** : Values outside of QC**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	7.21	8.48	118	7.39	8.44	114	3
2	Aroclor 1260	11096-82-5	43	167	25	0.00	7.21	7.64	106	7.39	7.70	104	2
				Total Out					0 of 2			0 of 2	0 of 2

011404303

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay St. Brooklyn, NY	Samples Collected By: J. Oesterlicher	Page: 1 of 1
Date: 8/13/14	Requested Turnaround Time: ~~Standard~~ 5D 1 Week	Project Manager: D. Bryant	Project Number: 221253

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	1stFL-DC-PCB-01	Ext.	Exterior Door Caulk	Jay St.	1				

2014 AUG 13 PM 4:43

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
Composite A, B, C samples Grab samples no composite
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY SIGNATURES AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I (Print): J Oesterlicher	8/13/14	1600	E-Bolewaska	8-13-14	4:43PM	Field	
(Sign):						Walk In	
II. (Print):			E-Bolewaska 4c	8/14/14	0830	Fed-Ex	
(Sign):						Others	

Analytical Method:	Lab Comments:	Analyzed By:	Date & Time:
EPA Method 8082 ** See special instructions box*		Print Name:	
		Sign:	

Page 1 Of 1

OrderID: 011404303

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 9/5/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/28/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000

The reference number for these samples is EMSL Order #011404603. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404603
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/28/14 9:45 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 8/25/14 - EBLANK
Equipment Blank
Collected: 8/26/2014 9:20:00 AM ***Lab ID:*** *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL

Client Sample Description 13th FL - PCB - SUB - WC -01
Sub Under Ext Win Frame Caulk 0"
Scaffold Drop #2
Collected: 8/26/2014 9:45:00 AM ***Lab ID:*** *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	580	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	49	mg/Kg	8/29/2014	CF	9/2/2014	EH

Client Sample Description 12th FL - PCB - SUB - WC -02
Sub Under Ext Win Frame Caulk 0"
Scaffold Drop #2
Collected: 8/26/2014 1:15:00 PM ***Lab ID:*** *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	260	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	8/29/2014	CF	9/2/2014	EH

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EMSL Order: 011404603
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 08/28/14 9:45 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 8/26/14 - EBLANK
Equipment Blank
Collected: 8/26/2014 9:30:00 AM ***Lab ID:*** *0004*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL

Client Sample Description 11th FL - PCB - SUB - WC - 03
Sub Under Ext Win Frame Caulk 0"
Scaffold Drop #2
Collected: 8/26/2014 10:40:00 AM ***Lab ID:*** *0005*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	570	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	50	mg/Kg	8/29/2014	CF	9/2/2014	EH

Client Sample Description 11th FL - PCB - SUB - WC - 04
Sub Under Ext Win Frame Caulk 1"
Scaffold Drop #2
Collected: 8/26/2014 11:10:00 AM ***Lab ID:*** *0006*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	15	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH

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Received: 08/28/14 9:45 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 11th FL - PCB - SUB - WC - 05
Sub Under Ext Win Frame Caulk 3"
Scaffold Drop #2

Collected: 8/26/2014 11:30:00 AM ***Lab ID:*** *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	2.5	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH

Client Sample Description 12th FL - PCB - SUB - WC - 06
Sub Under Ext Win Frame Caulk 1"
Scaffold Drop #2

Collected: 8/26/2014 1:15:00 PM ***Lab ID:*** *0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	13	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH

Client Sample Description 12th FL - PCB - SUB - WC - 07
Sub Under Ext Win Frame Caulk 3"
Scaffold Drop #2

Collected: 8/26/2014 1:40:00 PM ***Lab ID:*** *0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	2.2	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH

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Received: 08/28/14 9:45 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 12th FL - PCB - SUB - WC - 07
Sub Under Ext Win Frame Caulk 3"
Scaffold Drop #2

Collected: 8/26/2014 1:40:00 PM ***Lab ID:*** *0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	8/29/2014	CF	9/2/2014	EH

Client Sample Description 13th FL - PCB - SUB - WC - 08
Sub Under Ext Win Frame Caulk 1"
Scaffold Drop #2

Collected: 8/26/2014 2:00:00 PM ***Lab ID:*** *0010*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	16	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH

Client Sample Description 13th FL - PCB - SUB - WC - 09
Sub Under Ext Win Frame Caulk 3"
Scaffold Drop #2

Collected: 8/26/2014 2:15:00 PM ***Lab ID:*** *0011*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1254	3.7	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	8/29/2014	CF	9/2/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

EMSL Analytical Inc.

ORGANIC PESTICIDE/PCB SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	**Total Out**
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-140)	(30-140)	(30-140)	(30-140)	
4603-1	09/05/14 13:07	81	137	118	107	0
4603-4	09/05/14 13:31	82	145 *	123	112	1
4544-1	09/05/14 13:54	60	84	39	40	0
MB 1 3102-43	09/05/14 14:18	73	88	104	92	0
LCS 1 3102-43	09/05/14 14:42	84	137	113	102	0
LCS 2 3102-43	09/05/14 15:05	85	139	115	104	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 3102-43
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	H05543.D	**Sample Matrix:**	Organic
Instrument ID:	GC-ECD-H	**Sampling Date:**	12:00:00 AM
Analyst:	TL	**Date Extracted:**	9/5/2014
GC Column:	CLPest I (0.32 mm)	**Analysis Date**	9/5/2014 2:18:00 PM
GC Column 2:	CLPest II (0.32 mm)		1 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (ml)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3580A	**Sulfur Cleanup:**	N
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/kg)	CONC. (mg/kg)	Q
12674-11-2	Aroclor 1016	0.50		U
11104-28-2	Aroclor 1221	0.50		U
11141-16-5	Aroclor 1232	0.50		U
53469-21-9	Aroclor 1242	0.50		U
12672-29-6	Aroclor 1248	0.50		U
11097-69-1	Aroclor 1254	0.50		U
11096-82-5	Aroclor 1260	0.50		U
37324-23-5	Aroclor 1262	0.50		U
11100-14-4	Aroclor 1268	0.50		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

PCB's by 3580a/8082a

Laboratory Control Spike/ Laboratory Control Spike Duplicate Recovery Form

	Matrix	Organic	**Analytical Sequence #**	H140905
Spike Added	**mg/Kg**	15.000	**Analytical Batch #**	OP 3102-43
			Analytical Batch Extraction Date	09/05/14

Data File:	LCS 1 OP 3102-43	LCS 2 OP 3102-43
Data File:	H05544.D	H05545.D
Analysis Time/Date	9/5/14 2:42 PM	9/5/14 3:05 PM

Compound	LCS 1 mg/Kg	LCS 1 RECOVERY	LCS 2 mg/Kg	LCS 2 RECOVERY	Recovery Limits	RPD	RPD Limits
Aroclor 1016	17.2	114	17.6	117	78 - 201	3	20
Aroclor 1260	18.3	122	18.8	125	57 - 218	2	20

D=DILUTED OUT
NR= NOT RECOVERED

EMSL Analytical Inc.

SOIL / SOLID SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**
D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	Total Out
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
011404579-1 5X	09/02/14 13:56	108 D	128 D	93 D	106 D	0
011404603-5 1kX	09/02/14 22:02	D	D	D	D	0
LCS 1 OP 3102-31	09/02/14 10:07	95	108	92	101	0
011404617-1 5X	09/02/14 10:13	114 D	136 D	101 D	111 D	0
011404559-1 10X	09/02/14 10:34	127 D	119 D	93 D	121 D	0
011404559-3 3X	09/02/14 11:02	117 D	112 D	89 D	107 D	0
011404615-1	09/02/14 11:51	D	D	D	D	0
011404579-2 5X	09/02/14 14:27	108 D	130 D	102 D	114 D	0
011404583-1 8X	09/02/14 14:58	128 D	140 D	125 D	146 D	0
011404603-6 10X	09/02/14 16:59	111 D	137 D	111 D	123 D	0
011404603-7 10X	09/02/14 17:29	119 D	144 D	115 D	128 D	0
011404603-8 10X	09/02/14 18:00	114 D	140 D	115 D	127 D	0
011404603-9 10X	09/02/14 18:30	109 D	134 D	118 D	130 D	0
011404603-10 10X	09/02/14 19:01	106 D	132 D	114 D	124 D	0
011404603-11 10X	09/02/14 19:31	100 D	124 D	101 D	114 D	0
011404603-3 MS	09/02/14 20:01	D	D	D	D	0
011404603-3 MSD	09/02/14 20:32	D	D	D	D	0
011404603-2 1kX	09/02/14 21:02	D	D	D	D	0
011404603-3 500X	09/02/14 21:32	D	D	D	D	0
MB 1 OP 3102-31	09/02/14 09:40	101	114	97	111	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3102-31 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	X36275.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	ECD-X	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	8/29/2014
GC Column:	CLPest I (0.25 mm)	**Analysis Date**	9/2/2014 9:40:07 AM
GC Column 2:	CLPest I (0.25 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	N
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOIL / SOLID LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical **Original File ID:** LCS 1 OP X36275.D/X36276.D

*** : Values outside of**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	58	123	1.50	1.46	98
2	Aroclor 1260	11096-82-5	63	131	1.50	1.53	102
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMSL Analytical **Original File ID:** 011404603-3 MS 500X Y32906.D/Y32903.D/Y32904.D

*** : Values outside of**

	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Aroclor 1016	12674-11-2	12	164	25	0.00	1.48	0.00	0 *	1.48	0.00	0 *	0
2	Aroclor 1260	11096-82-5	43	167	25	0.00	1.48	0.00	0 *	1.48	0.00	0 *	0
				Total Out					2 of 2			2 of 2	0 of 2

- **The LCS spike on the Matrix Spike and Matrix Spike Duplicate (MS/MSD) was diluted out due to high concentration of Aroclor 1254 in the unspiked sample.**

- **The laboratory control sample (LCS) recoveries fell within control limits.**

011404603

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / D. KHIMICH	Page: 1 of 2
Date: 8/26/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	8/25/14 - EBLANK	—	• EQUIPMENT BLANK	—	—	—	—	8/25/14	0920	
2	13TH FL - PCB - SUB - WC - 01		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	SCAFFOLD DROP #2	13	24 g	D	8/25/14	0945	
3	12TH FL - PCB - SUB - WC - 02		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	SCAFFOLD DROP #2	12	71 g	D	8/25/14	1315	
4	8/26/14 - EBLANK	—	EQUIPMENT BLANK	—	—	—	—	8/26/14	0920	
5	11TH FL - PCB - SUB - WC - 03		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	SCAFFOLD DROP #2	11	22 g	D	8/26/14	1040	
6	11TH FL - PCB - SUB - WC - 04		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	SCAFFOLD DROP #2	11	35 g	D	8/26/14	1150	
7	11TH FL - PCB - SUB - WC - 05		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	SCAFFOLD DROP #2	11	37 g	D	8/26/14	1150	
8	12TH FL - PCB - SUB - WC - 06		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	SCAFFOLD DROP #2	12	47 g	D	8/26/14	1315	

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ NO COMPOSITE. ALL GRAB SAMPLES. DR 8/26/14
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION (SIGNATURES)

Relinquished By:	Date	Time	Received By:	Date	Time
I (Print): DMITRIY KHIMICH	8-26-14	18:40			
(Sign): D. Khimich					
II (Print).			4°C	8/28/14	0945
(Sign)					

Method Of Submittal: Field; Walk In; Fed-Ex; Others

Analytical Method:
EPA Method 8082
* See special instructions box

Lab Comments:

Analyzed By: Date & Time:
Print Name:
Sign:

OrderID: 011404603

Page 1 Of 2

01140 4603

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name:	Project Name and Address:	Samples Collected By	Page:
NYU	370 JAY STREET, BROOKLYN, NY	O. MALKOV / D. KHIMICH	2 of 2
Date:	**Requested Turnaround Time:**	**Project Manager:**	**Project Number:**
8/26/14	Standard 1 WEEK	D. BRYANT	22125.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
(9) 12THFL-PCB-SUB-WC-07		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	SCAFFOLD DROP #2	12	45g	D	8/26/14	1340	
(10) 13THFL-PCB-SUB-WC-08		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	SCAFFOLD DROP #2	13	42g	D	8/26/14	1400	
(11) 13THFL-PCB-SUB-WC-09		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	SCAFFOLD DROP #2	13	45g	D	8/26/14	1415	
(12)★ 11THFL-PCB-SUB-WC-10		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	SCAFFOLD DROP #2	11	42g	D	8/26/14	1145	
(13)★ 12THFL-PCB-SUB-WC-11		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	SCAFFOLD DROP #2	12	50g	D	8/26/14	1330	
(14)★ 13TH FL-PCB-SUB-WC-12		• SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	SCAFFOLD DROP #2	13	40g	D	8/26/14	1430	

★ PLEASE HOLD SAMPLE PENDING ANALYSIS OF OTHER SAMPLES. TRC TO INSTRUCT (DB)

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C~~ samples NO COMPOSITE. ALL GRAB SAMPLES (DB) 8/26/14
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY (PRINT AND SIGN)

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal
1. (Print): DMITRIY KHIMICH	8-26-14	18:40		8/26/14	6:41	Field
(Sign): D. Khimich						Walk In
II (Print):			4E	8/28/14	0945	Fed-Ex
(Sign):						Others

Analytical Method:	Lab Comments:	Analyzed By:	Date & Time:
EPA Method 8082 * See special instructions box		Print Name:	
		Sign:	

Page 2 Of 2

OrderID: 01140 4603

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 9/18/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/10/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / 370 Jay Street, Brooklyn, NY

The reference number for these samples is EMSL Order #011404832. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

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EMSL Order: 011404832
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
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10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/10/14 9:00 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 9/5/14 - E Blank
Equipment Blank
Collected: 9/5/2014 8:00:00 AM ***Lab ID:*** *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL

Client Sample Description 13thFL-PCB-SUB-WC-01
Substrate Under Exterior Window Frame Caulk 0"
Collected: 9/5/2014 8:20:00 AM ***Lab ID:*** *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	0.050	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	280	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 13thFL-PCB-SUB-WC-02
Substrate Under Exterior Window Frame Caulk 1"
Collected: 9/5/2014 8:40:00 AM ***Lab ID:*** *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	33	2.5	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

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EMSL Order: 011404832
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
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1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/10/14 9:00 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 13thFL-PCB-SUB-WC-03
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/5/2014 9:05:00 AM ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	7.1	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 12thFL-PCB-SUB-WC-05
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/5/2014 10:00:00 AM ***Lab ID:*** *0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	190	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 12thFL-PCB-SUB-WC-06
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/5/2014 10:15:00 AM ***Lab ID:*** *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	14	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

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EMSL Order: 011404832
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CustomerPO:
ProjectID:

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Received: 09/10/14 9:00 AM

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Analytical Results

Client Sample Description 12thFL-PCB-SUB-WC-06
Substrate Under Exterior Window Frame Caulk 1"
Collected: 9/5/2014 10:15:00 AM ***Lab ID:*** *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 12thFL-PCB-SUB-WC-07
Substrate Under Exterior Window Frame Caulk 3"
Collected: 9/5/2014 10:30:00 AM ***Lab ID:*** *0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	2.1	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 11thFL-PCB-SUB-WC-09
Substrate Under Exterior Window Frame Caulk 0"
Collected: 9/5/2014 11:00:00 AM ***Lab ID:*** *0010*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	380	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 11thFL-PCB-SUB-WC-10
Substrate Under Exterior Window Frame Caulk 1"
Collected: 9/5/2014 11:15:00 AM ***Lab ID:*** *0011*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

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EMSL Order: 011404832
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ProjectID:

Attn: **Daren Bryant**
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Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/10/14 9:00 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 11thFL-PCB-SUB-WC-10
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/5/2014 11:15:00 AM ***Lab ID:*** *0011*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH
3540C/8082A	Aroclor-1254	27	2.5	mg/Kg	9/15/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	9/15/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	9/15/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/15/2014	AB	9/16/2014	EH

Client Sample Description 11thFL-PCB-SUB-WC-11
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/5/2014 11:30:00 AM ***Lab ID:*** *0012*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1254	1.4	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH

Client Sample Description 10thFL-PCB-SUB-WC-13
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/5/2014 1:40:00 PM ***Lab ID:*** *0014*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	410	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH

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Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/10/14 9:00 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 10thFL-PCB-SUB-WC-14
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/5/2014 2:00:00 PM ***Lab ID:*** *0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	17	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 10thFL-PCB-SUB-WC-15
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/5/2014 2:15:00 PM ***Lab ID:*** *0016*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.82	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 9thFL-PCB-SUB-WC-17
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/5/2014 2:45:00 PM ***Lab ID:*** *0018*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	290	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404832
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/10/14 9:00 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 9thFL-PCB-SUB-WC-17
Substrate Under Exterior Window Frame
Caulk 0"
Collected: 9/5/2014 2:45:00 PM ***Lab ID:*** *0018*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 9thFL-PCB-SUB-WC-18
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/5/2014 3:00:00 PM ***Lab ID:*** *0019*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	21	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 9thFL-PCB-SUB-WC-19
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/5/2014 3:10:00 PM ***Lab ID:*** *0020*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	2.2	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

TRC 011404832

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / Y. KLIMENKO / ~~V. BATSUNO~~	Page: 1 of 3
Date: 9/8/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D BRYANT (DB 9/8/14)	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	9/5/14 - EBLANK	—	EQUIPMENT BLANK	—	—	—	—	9/5/14	0800	
2	13THFL-PCB-SUB-WC-01		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	SCAFFOLD DROP #3	13	35g	D	↓	0820	
3	13THFL-PCB-SUB-WC-02		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	↓	13	41g	D	↓	0840	
4	13THFL-PCB-SUB-WC-03		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	↓	13	54g	D	↓	0905	
☆5	13THFL-PCB-SUB-WC-04		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	↓	13	47g	D	↓	0920	
6	12THFL-PCB-SUB-WC-05		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	↓	12	30g	D	↓	1000	
7	12THFL-PCB-SUB-WC-06		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	↓	12	43g	D	↓	1015	
8	12THFL-PCB-SUB-WC-07		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	↓	12	40g	D	↓	1030	

☆ PLEASE HOLD ANALYSIS PENDING TRC DIRECTION (DB) 9/8/14

SEP 08 2014 PM 5 25

Condition: G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory: ~~Composite A, B, C samples~~ GRAB SAMPLES — NO COMPOSITES (DB) 9/8/14

~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via~~ EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal
I. (Print): DAREN BRYANT	9/8/14	1500	VICTOR BAJOHN	9/8/14	1200	Field
(Sign): [signature]			[signature]	9/8/14	3:25pm	Walk In
II. (Print): VICTOR BAJOHN	9/8/14	1720	[signature]			Fed-Ex
(Sign): [signature]			[signature] 4C	9/10/14	9:00am	Others

Email dbryant@trcsolutions.com

Analytical Method: *EPA Method 8082* ** See special instructions box*

Lab Comments: per Daren place on hold
9/10 taken off hold per Daren
9/11 one week from 9/11

Analyzed By: | Date & Time:
Print Name:
Sign:

TRC 011404832

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET BROOKLYN, NY	Samples Collected By: O. MALIKOV / Y. KLIMENKO	Page: 2 of 3
Date: 9/8/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
9 ☆	12THFL-PCB-SUB-WC-08		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	SCAFFOLD Drop #7	12	39g	D	9/5/14	1040	
10	11THFL-PCB-SUB-WC-09		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	↓	11	25g	D	↓	1100	
11	11THFL-PCB-SUB-WC-10		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	↓	11	41g	D	↓	1115	
12	11THFL-PCB-SUB-WC-11		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	↓	11	39g	D	↓	1130	
13 ☆	11THFL-PCB-SUB-WC-12		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	↓	11	47g	D	↓	1145	
14	10THFL-PCB-SUB-WC-13		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	↓	10	37g	D	↓	1340	
15	10THFL-PCB-SUB-WC-14		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	↓	10	44g	D	↓	1400	

Stamp: EMSL ... RECEIVED 2014 SEP ... PM 25

☆ PLEASE HOLD SAMPLES PENDING TRC DIRECTION (DB) 9/8/14

Condition:
G- Good, D--Damaged, SD-- Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ GRAB SAMPLES ONLY - NO COMPOSITES (DB) 9/8/14
~~Create one (1) composite sample of each homogeneous material from equal mass portions (±5%) of the three (3) subsamples for extraction and analysis~~ via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DAREN BRYANT	9/8/14	1500	VICTOR BATOMO	9/8/14	1700	Field	
(Sign): [signature]			[signature]			Walk In	
II. (Print): VICTOR BATOMO	9/8/14	17.20	[illegible]	9/8/14	5:20PM	Fed-Ex	
(Sign): [signature]			[illegible] 4°C	9/10/14	9:00AM	Others	

	Analytical Method:	Lab Comments:	Analyzed By:	Date & Time:
email dbryant@trcsolutions.com	EPA Method 8082 * See special Instructions box		Print Name:	
			Sign:	

TRC 011404832

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name:	Project Name and Address:	Samples Collected By	Page:
NYU	370 JAY STREET, BROOKLYN, NY	O. MARKOV / Y. KLIMENKO	3 of 3
Date:	**Requested Turnaround Time:**	**Project Manager:**	**Project Number:**
9/8/14	Standard 1 WEEK	D. BRYANT	221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
16	10THFL-PCB-SUB-WC-15		SUBSTRATE UNDER EXTERIOR	SCAFFOLD BAY #3	10	36g	D	9/5/14	1415	
17			WINDOW FRAME CAULK 3"							
☆	10THFL-PCB-SUB-WC-16		SUBSTRATE UNDER EXTERIOR		10	38g	D		1430	
			WINDOW FRAME CAULK 6"							
18	9THFL-PCB-SUB-WC-17		SUBSTRATE UNDER EXTERIOR		9	36g	D		1445	
			WINDOW FRAME CAULK 0"							
19	9THFL-PCB-SUB-WC-18		SUBSTRATE UNDER EXTERIOR		9	31g	D		1500	
			WINDOW FRAME CAULK 1"						20160	
20	9THFL-PCB-SUB-WC-19		SUBSTRATE UNDER EXTERIOR		9	27g	D		1520	
			WINDOW FRAME CAULK 3"							
21	9THFL-PCB-SUB-WC-20		SUBSTRATE UNDER EXTERIOR		9	33g	D		1525	
☆			WINDOW FRAME CAULK 6"	↓				↓		

☆ PLEASE HOLD ANALYSIS PENDING TRC DIRECTION DB 9/8/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ GRAB SAMPLES ONLY – NO COMPOSITES DB 9/8/14
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): MAREN BRYANT	9/8/14	1500	VICTOR BASTIDAS	9/8/14		Field	
(Sign):						Walk In	
II. (Print): VICTOR BASTIDAS	9/8/14	17:20	Unikowa Brown	9/8/14	5:20 PM	Fed-Ex	
(Sign):				9/10/14	9:00AM	Others	
email dbryant@trcsolutions.com	**Analytical Method:** EPA Method 8082 * See special instructions box		**Lab Comments:** 4°C			Analyzed By:	Date & Time:
						Print Name:	
						Sign:	

Page 3 Of 3

OrderID: 011404832

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 9/18/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/11/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / 370 Jay Street, Brooklyn NY

The reference number for these samples is EMSL Order #011404885. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404885
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/11/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn NY**

Analytical Results

Client Sample Description 8THFL-PCB-SUB-WC-01
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 8:15:00 AM ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	20	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 8THFL-PCB-SUB-WC-02
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/8/2014 8:30:00 AM ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.80	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 9/8/14-EBLANK
Equipment Blank
Collected: 9/8/2014 7:45:00 AM ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	CF	9/18/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404885
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/11/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn NY**

Analytical Results

Client Sample Description 8THFL-PCB-SUB-WC-04
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 9:30:00 AM ***Lab ID:*** *0005*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	19	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 8THFL-PCB-SUB-WC-05
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/8/2014 9:45:00 AM ***Lab ID:*** *0006*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.80	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 4THFL-PCB-SUB-WC-07
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 10:30:00 AM ***Lab ID:*** *0008*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	7.2	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

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Analytical Results

Client Sample Description 4THFL-PCB-SUB-WC-07
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 10:30:00 AM ***Lab ID:*** *0008*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 4THFL-PCB-SUB-WC-08
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/8/2014 10:45:00 AM ***Lab ID:*** *0009*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 4THFL-PCB-SUB-WC-10
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 11:15:00 AM ***Lab ID:*** *0011*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	41	2.5	mg/Kg	9/16/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	9/16/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	9/16/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 4THFL-PCB-SUB-WC-11
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/8/2014 11:30:00 AM ***Lab ID:*** *0012*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

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Analytical Results

Client Sample Description 4THFL-PCB-SUB-WC-11
Substrate Under Exterior Window Frame Caulk 3"
Collected: 9/8/2014 11:30:00 AM ***Lab ID:*** *0012*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	1.1	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-13
Substrate Under Exterior Window Frame Caulk 1"
Collected: 9/8/2014 1:15:00 PM ***Lab ID:*** *0014*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.61	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-14
Substrate Under Exterior Window Frame Caulk 3"
Collected: 9/8/2014 1:30:00 PM ***Lab ID:*** *0015*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH

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Analytical Results

Client Sample Description 3RDFL-PCB-SUB-WC-16
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/8/2014 2:00:00 PM ***Lab ID:*** *0017*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	17	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-17
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/8/2014 2:15:00 PM ***Lab ID:*** *0018*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.88	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-19
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/8/2014 3:15:00 PM ***Lab ID:*** *0020*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	7.5	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

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Analytical Results

Client Sample Description 2NDFL-PCB-SUB-WC-19
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 3:15:00 PM ***Lab ID:*** *0020*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-20
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/8/2014 3:30:00 PM ***Lab ID:*** *0021*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.64	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-22
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/8/2014 4:00:00 PM ***Lab ID:*** *0023*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	13	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/16/2014	AB	9/17/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-23
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/8/2014 4:15:00 PM ***Lab ID:*** *0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH

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Client Sample Description 2NDFL-PCB-SUB-WC-23
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/8/2014 4:15:00 PM ***Lab ID:*** *0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1254	0.78	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/16/2014	AB	9/17/2014	EH

Definitions:

ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

011404885

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: Y. KLIMENKO / V. BATUMO	Page: 1 of 4
Date: 9/10/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	~~Photo ID No.~~
1 ☆	8THFL-PCB-SUB-WC-01		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	WEST ROOF SETBACK	8	25g	D	9/8/14	0815	WC-03
2 ☆	8THFL-PCB-SUB-WC-02		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"		8	42g	D		0830	WC-03
3 ☆	8THFL-PCB-SUB-WC-03		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"		8	48g	D		0845	WC-03
4 ☆	9/8/14_EBLANK	—	EQUIPMENT BLANK	—	—	—	—		0745	
5 ☆	8THFL-PCB-SUB-WC-04		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	WEST ROOF SETBACK	8	45g	D		0930	WC-04
6 ☆	8THFL-PCB-SUB-WC-05		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"		8	46g	D		0945	WC-04
7 ☆☆	8THFL-PCB-SUB-WC-06		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"		8	65g	D		1000	WC-04
8 ☆	4THFL-PCB-SUB-WC-07		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"		4	25g	D		1030	WC-11

NOTE: (DB) 9/10/14

☆ = HOLD SAMPLES PER TRC ☆☆ = HOLD SAMPLES PER TRC (2ND TIME) (DB) 9/10/14

Page 1 of 5

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
GRAB SAMPLES ONLY – NO COMPOSITES (DB) 9/10/14
EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DAREN BRYANT	9/10/14	1500	VICTOR BATUMO	9/10/14	1515	Field	
(Sign):						Walk In	
II. (Print): VICTOR BATUMO	9/10/14	1529		9/10	3315	Fed-Ex	
(Sign):						Others	

Email dbryant@trcsolutions.com

Analytical Method:
EPA Method 8082
** See special instructions box*

Lab Comments:
rec'd by courier 9/10/14 7:05P

Analyzed By:	Date & Time:
Print Name:	
Sign:	

9/11/14 0930 4°

RECEIVED SEP 10 PM 3:30

OrderID: 011404885

OrderID: 011404885

011404885

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

TRC

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: Y. KLIMENKO / V. BATOMO	Page: 2 of 4
Date: 9/10/14	Requested Turnaround Time: Standard / WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	~~Photo ID No.~~ NOTES (DB) 9/10/14
9 ☆	4THFL-PCB-SUB-WC-08		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	WEST ROOF SETBACK	4	38g	D	9/8/14	1045	WC-11
☆☆	4THFL-PCB-SUB-WC-09		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	↓	4	51g	D	↓	1100	WC-11
☆	4THFL-PCB-SUB-WC-10		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	↓	4	41g	D	↓	1115	WC-12
☆	4THFL-PCB-SUB-WC-11		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	↓	4	61g	D	↓	1130	WC-12
☆	4THFL-PCB-SUB-WC-12		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	↓	4	67g	D	↓	1145	WC-12
14 ☆	3RDFL-PCB-SUB-WC-13		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	↓	3	32g	D	↓	1315	WC-10
15 ☆	3RDFL-PCB-SUB-WC-14		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	↓	3	27g	D	↓	1330	WC-10

☆ = HOLD SAMPLES PER TRC ☆☆ = HOLD SAMPLES PER TRC (2ND TIME) (DB) 9/10/14

Condition:

G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory: GRAB SAMPLES ONLY – NO COMPOSITES (DB) 9/10/14

EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal
I. (Print): DAREN BRYANT	9/10/14	1500	VICTOR BORJOMO	9/10/14	1515	Field
(Sign): [signature]			[signature]			Walk In
II. (Print): VICTOR BORJOMO	9/10/14	1529	[signature]	9/10	2309	Fed-Ex
(Sign): [signature]						Others

	Analytical Method:	Lab Comments:	Analyzed By: / Date & Time:
email dbryant@trcsolutions.com	*EPA Method 8082* ** See special instructions box*		Print Name: Sign:

EMSL ... RECEIVED 2014 SEP 10 PM 3:

01140485

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

OrderID: 01140485

Client Name:	Project Name and Address:	Samples Collected By	Page:
NYU	370 JAY STREET, BROOKLYN, NY	Y KLIMENKO / V. BAJOMO	3 of 4
Date:	**Requested Turnaround Time:**	**Project Manager:**	**Project Number:**
9/10/14	Standard / WEEK	D. BRYANT	221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	~~Photo~~ ID No.
☆☆ 16 3RDFL-PCB-SUB-WC-15		SUBSTRATE UNDER EXTERIOR	WEST ROOF SETBACK	3	4/6	D	9/8/14	1345	WC-10
		WINDOW FRAME CAULK 6"							
☆ 17 3RDFL PCB-SUB-WC-16		SUBSTRATE UNDER EXTERIOR		3	27g	D		1400	WC-09
		WINDOW FRAME CAULK 1"							
☆ 18 3RD FL-PCB-SUB-WC-17		SUBSTRATE UNDER EXTERIOR		3	31g	D		1415	WC-09
		WINDOW FRAME CAULK 3"							
☆☆ 3RDFL-PCB-SUB-WC-18		SUBSTRATE UNDER EXTERIOR		3	40g	D		1500	WC-09
		WINDOW FRAME CAULK 6"							
☆ 20 2NDFL-PCB-SUB-WC-19		SUBSTRATE UNDER EXTERIOR		2	50g	D		1515	WC-07
		WINDOW FRAME CAULK 1"							
☆ 1 2NDFL-PCB-SUB-WC-20		SUBSTRATE UNDER EXTERIOR		2	60g	D		1530	WC-07
		WINDOW FRAME CAULK 3"							
☆☆ 22 2NDFL-PCB-SUB-WC-21		SUBSTRATE UNDER EXTERIOR		2	62g	D		1545	WC-07
		WINDOW FRAME CAULK 6"							

NOTES (DB) 9/14/14

Page 3 Of 5

☆ = HOLD SAMPLES AS PER TRC ☆☆ = HOLD SAMPLES PER TRC (2ND TIME) (DB) 9/14/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
GRAB SAMPLES ONLY – NO COMPOSITES (DB) 9/14/14
EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DAREN BRYANT	9/10/14	1500	VICTOR BAJOMO	9/10/14		Field	
(Sign):						Walk In	
II. (Print): VICTOR BAJOMO	9/10/14	1529	LaPorsha Anders	9/10	330pm	Fed-Ex	
(Sign):						Others	

email dbryant@trcsolutions.com	**Analytical Method:** *EPA Method 8082* * See special instructions box	**Lab Comments:**	**Analyzed By:** / **Print Name:** / **Sign:** — **Date & Time:**

01140488S

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

TRC

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: Y. KLIMENKO / V. RAJOMO	Page: 4 of 4
Date: 9/10/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0102.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	~~Photo~~ ID No.
23 ✡ 2NDFL-PCB-SUB-WC-22		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	WEATHROOF SETBACK	2	4/6	D	9/8/14	1600	WC-07
24 ✡ 2NDFL-PCB-SUB-WC-23		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"		2	6/6	D		1615	WC-08
25 ✡✡ 2NDFL-PCB-SUB-WC-24		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"		2	4/6	D		1630	WC-09

NOTES (AB) 9/10/14

2014 SEP 10 PM 3:30

✡ = HOLD SAMPLES AS PER TRC ✡✡ = HOLD SAMPLES PER TRC (2ND TIME) (AB) 9/10/14

Condition: G- Good. D –Damaged. SD– Significantly Damaged

Special Instruction to Laboratory: GRAB SAMPLES ONLY – NO COMPOSITES (AB) 9/10/14
EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DARREN BRYANT	9/10/14	1500	VICTOR BONILLA	9/10/14	1515	Field	
(Sign):						Walk In	
II. (Print): VICTOR BONILLA	9/10/14	1529	Laboratory Analyzed		530pm	Fed-Ex	
(Sign): VB						Others	

Email: dbryant@trcsolutions.com

Analytical Method: *EPA Method 8082* * *See special instructions box*

Lab Comments:

Analyzed By:	Date & Time:
Print Name:	
Sign:	

Page 4 OF 5

OrderID: 01140488S

GEN-FM-010-1: Sample Transfer-OneTime
Revision 4.1
Revision Date: 7/29/2013
Effective Date: 8/12/2013

EMSL Analytical, Inc.

Sample Transfer Form

Receiving Lab:	EMSL- MANHATTEN	**Phone Number:**	2122900051
		Fax Number:	
Relinquished to:	EMSL- CINNAMINSON	**Phone Number:**	8002203675
		Fax Number:	
Does new Lab hold equivalent or additional accreditation*		☐ Yes ☐ No	
EMSL Customer ID # (if known):			
Client Name:	TRC		
Client Project:	370 JAY ST BK		
Date Received:	09/10/2014		
Date Relinquished:	09/10/2014		
Date Due:	1 WEEK		
Special Instructions: (e.g. Work Order # , required qualifications, project specific procedures/modifications.)	PCB		
Relinquished by (Signature):	**Date:** 9/10	**Received by (Signature)**	**Date:** 09-10-14
Relinquished by (Signature):	**Date:** 09-10-14 19:05	**Received by (Signature)**	**Date:**

Customer Agreement- Please sign form and send to the receiving laboratory. By signing below you agree to permit the above named receiving lab to transfer samples to a separate EMSL lab with equivalent qualifications* for analysis. The final report will be issued from the analyzing laboratory. Ensure any requirements are listed in special instructions.

Name (please Print)	Signature	Agent of:	Date:

If this is a recurring project or sample type that may require samples to be relinquished on a regular basis a Standing Agreement form must be completed.

* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.

Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received and then sign under Signature.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 10/27/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/9/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000

The reference number for these samples is EMSL Order #011404813. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Revised Report- Sample -0009 and -0042 analyzed at the client's request- Original Report 9/19/14. Sample -009 and -0042 were analyzed outside of the method hold time.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404813
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/09/14 8:00 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 8/29/14 - EBlank
Equipment Blank
Collected: 8/29/2014 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL

Client Sample Description 14th FL-PCB-SUB-WC-01
Substrate Under Exterior Window Frame
Caulk 0"
Collected: 8/29/2014 ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	110	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	9.9	mg/Kg	9/10/2014	AB	9/15/2014	EH

Client Sample Description 14th FL-PCB-SUB-WC-02
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 8/29/2014 ***Lab ID:*** *0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1254	5.4	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/17/2014	AB	9/18/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404813
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/09/14 8:00 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 14th FL-PCB-SUB-WC-03
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 8/29/2014 ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1254	0.89	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/17/2014	AB	9/18/2014	EH

Client Sample Description 13th FL-PCB-SUB-WC-05
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 8/29/2014 ***Lab ID:*** *0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	340	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH

Client Sample Description 13th FL-PCB-SUB-WC-06
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 8/29/2014 ***Lab ID:*** *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	4.7	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404813
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/09/14 8:00 AM

Project: **221253.0000.0000**

Analytical Results

Client Sample Description 13th FL-PCB-SUB-WC-06
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 8/29/2014 ***Lab ID:*** *0007*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH

Client Sample Description 13th FL-PCB-SUB-WC-07
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 8/29/2014 ***Lab ID:*** *0008*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	1.3	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

Client Sample Description 13th FL-PCB-SUB-WC-08
Substrate Under Exterior Window Frame
Caulk 6"
Collected: 8/29/2014 ***Lab ID:*** *0009*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1254	0.65	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	10/21/2014	AB	10/24/2014	EH

Client Sample Description 9/2/14 - EBlank
Equipment Blank
Collected: 9/2/2014 ***Lab ID:*** *0010*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL

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Client Sample Description 9/2/14 - EBlank
Equipment Blank
Collected: 9/2/2014 ***Lab ID:*** *0010*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	JLM	9/12/2014	TL

Client Sample Description 12th FL-PCB-SUB-WC-09
Substrate Under Exterior Window Frame
Caulk 0"
Collected: 9/2/2014 ***Lab ID:*** *0011*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	350	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH

Client Sample Description 12th FL-PCB-SUB-WC-10
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/2/2014 ***Lab ID:*** *0012*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	8.4	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

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Client Sample Description 12th FL-PCB-SUB-WC-11
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/2/2014 ***Lab ID:*** *0013*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	1.1	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

Client Sample Description 11th FL-PCB-SUB-WC-13
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/2/2014 ***Lab ID:*** *0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	210	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	20	mg/Kg	9/10/2014	AB	9/15/2014	EH

Client Sample Description 11th FL-PCB-SUB-WC-14
Substrate Under Exterior WindowFrame
Caulk 1"

Collected: 9/2/2014 ***Lab ID:*** *0016*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	4.4	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

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Client Sample Description 11th FL-PCB-SUB-WC-14
Substrate Under Exterior WindowFrame
Caulk 1"

Collected: 9/2/2014 ***Lab ID:*** *0016*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

Client Sample Description 11th FL-PCB-SUB-WC-15
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/2/2014 ***Lab ID:*** *0017*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	0.93	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

Client Sample Description 9/3/14 - EBlank
Equipment Blank

Collected: 9/3/2014 ***Lab ID:*** *0019*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1242	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL

Client Sample Description 10th FL-PCB-SUB-WC-17
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/3/2014 ***Lab ID:*** *0020*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH

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Analytical Results

Client Sample Description 10th FL-PCB-SUB-WC-17
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/3/2014 ***Lab ID:*** *0020*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	280	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/10/2014	AB	9/15/2014	EH

Client Sample Description 10th FL-PCB-SUB-WC-18
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/3/2014 ***Lab ID:*** *0021*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	7.0	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/10/2014	AB	9/12/2014	EH

Client Sample Description 10th FL-PCB-SUB-WC-19
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/3/2014 ***Lab ID:*** *0022*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	0.87	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/10/2014	AB	9/12/2014	EH

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Analytical Results

Client Sample Description 9th FL-PCB-SUB-WC-21
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/3/2014 ***Lab ID:*** *0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	190	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/11/2014	AB	9/15/2014	EH

Client Sample Description 9th FL-PCB-SUB-WC-22
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/3/2014 ***Lab ID:*** *0025*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	5.7	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 9th FL-PCB-SUB-WC-23
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/3/2014 ***Lab ID:*** *0026*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

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Project: **221253.0000.0000**

Analytical Results

Client Sample Description 9th FL-PCB-SUB-WC-23
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/3/2014 ***Lab ID:*** *0026*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 9/4/14 - EBlank
Equipment Blank

Collected: 9/4/2014 ***Lab ID:*** *0028*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3580A/8082	Aroclor-1016	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1221	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1232	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1242	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1248	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1254	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1260	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1262	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL
3580A/8082	Aroclor-1268	ND	0.49	mg/Kg	9/11/2014	JLM	9/12/2014	TL

Client Sample Description 6th FL-PCB-SUB-WC-25
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/4/2014 ***Lab ID:*** *0029*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	380	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	50	mg/Kg	9/11/2014	AB	9/15/2014	EH

Client Sample Description 6th FL-PCB-SUB-WC-26
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/4/2014 ***Lab ID:*** *0030*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

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Project: **221253.0000.0000**

Analytical Results

Client Sample Description 6th FL-PCB-SUB-WC-26
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/4/2014 ***Lab ID:*** *0030*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	7.4	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 6th FL-PCB-SUB-WC-27
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/4/2014 ***Lab ID:*** *0031*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	0.90	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 5th FL-PCB-SUB-WC-29
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/4/2014 ***Lab ID:*** *0033*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1221	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1232	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1242	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1248	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1254	480	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1268	ND	49	mg/Kg	9/11/2014	AB	9/15/2014	EH

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Project: **221253.0000.0000**

Analytical Results

Client Sample Description 5th FL-PCB-SUB-WC-30
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/4/2014 ***Lab ID:*** *0034*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	19	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 5th FL-PCB-SUB-WC-31
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/4/2014 ***Lab ID:*** *0035*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 7th FL-PCB-SUB-WC-33
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/4/2014 ***Lab ID:*** *0037*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH
3540C/8082A	Aroclor-1254	24	2.5	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	9/11/2014	AB	9/15/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	9/11/2014	AB	9/15/2014	EH

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Project: **221253.0000.0000**

Analytical Results

Client Sample Description 7th FL-PCB-SUB-WC-33
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/4/2014 ***Lab ID:*** *0037*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/12/2014	EH

Client Sample Description 7th FL-PCB-SUB-WC-34
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/4/2014 ***Lab ID:*** *0038*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1254	0.81	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH

Client Sample Description 7th FL-PCB-SUB-WC-36
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 9/4/2014 ***Lab ID:*** *0040*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1254	0.68	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH

Client Sample Description 7th FL-PCB-SUB-WC-37
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/4/2014 ***Lab ID:*** *0041*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH

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Project: **221253.0000.0000**

Analytical Results

Client Sample Description 7th FL-PCB-SUB-WC-37
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/4/2014 ***Lab ID:*** *0041*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1254	9.7	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/11/2014	AB	9/13/2014	EH

Client Sample Description 7th FL-PCB-SUB-WC-38
Substrate Under Exterior Window Frame
Caulk 6"

Collected: 9/4/2014 ***Lab ID:*** *0042*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1254	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

0114048 13

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / D. KHMICH / Y. KLIMENKO	Page: 1 of 6
Date: 9/5/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	8/29/14 - EBLANK	—	EQUIPMENT BLANK	—	—	—	—	8/29/14	0810	
2	14TH FL - PCB - SUB - WC - 01		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	14	32g	D		0830	
			WINDOW FRAME CAULK 0"							
3	14TH FL - PCB - SUB - WC - 02		SUBSTRATE UNDER EXTERIOR		14	30g	D		0850	
			WINDOW FRAME CAULK 1"							
4	14TH FL - PCB - SUB - WC - 03		SUBSTRATE UNDER EXTERIOR		14	30g	D		0910	
			WINDOW FRAME CAULK 3"							
★	14TH FL - PCB - SUB - WC - 04		SUBSTRATE UNDER EXTERIOR		14	31g	D		0930	
			WINDOW FRAME CAULK 6"							
6	13TH FL - PCB - SUB - WC - 05		SUBSTRATE UNDER EXTERIOR		13	37g	D		1145	
			WINDOW FRAME CAULK 0"							
7	13TH FL - PCB - SUB - WC - 06		SUBSTRATE UNDER EXTERIOR		13	30g	D		1215	
			WINDOW FRAME CAULK 1"							
8	13TH FL - PCB - SUB - WC - 07		SUBSTRATE UNDER EXTERIOR		13	32g	D		1235	
			WINDOW FRAME CAULK 3"							

★ PLEASE HOLD SAMPLE PENDING TRC DIRECTION DB 9/5/14

Condition: G- Good, D –Damaged, SD– Significantly Damaged	**Special Instruction to Laboratory:** ~~Composite A, B, C samples~~ GRAB SAMPLES ONLY, NO COMPOSITES DB 9/5/14 ~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.~~

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
1. (Print): DAREN BRYANT	9/5/14	1145p	HEIDI VAN METER	9-5-14	11:60PM	Field	
(Sign):			4°C	9-9-14	0800	Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

email dbryant@trcsolutions.com	**Analytical Method:** EPA Method 8082 * See special instructions box	**Lab Comments:** per Daren placed on hold 9/9 and removed 9/11 one week due date from 9/11	**Analyzed By:**	**Date & Time:**
			Print Name:	
			Sign:	

Page 1 of 6

OrderID: 0114048 13

011404813

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / D. KHAMICH / Y. KLIMENKO	Page: 2 of 6
Date: 9/5/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
9 ☆ 13THFL-PCB-SUB-WC-08		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	13	32g	D	~~8/28~~	1300	
		WINDOW FRAME CAULK 6"					8/29/14	DB 9/5/14	
10 9/2/14-EBLANK	—	EQUIPMENT BLANK	—	—	—	—	9/2/14		
11 12THFL-PCB-SUB-WC-09		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	12	36g	D		1045	
		WINDOW FRAME CAULK 0"							
12 12TH FL-PCB-SUB-WC-10		SUBSTRATE UNDER EXTERIOR		12	34g	D		1100	
		WINDOW FRAME CAULK 1"							
13 12TH FL-PCB-SUB-WC-11		SUBSTRATE UNDER EXTERIOR		12	37g	D		1115	
		WINDOW FRAME CAULK 3"							
14 ☆ 12THFL-PCB-SUB-WC-12		SUBSTRATE UNDER EXTERIOR		12	40g	D		1135	
		WINDOW FRAME CAULK 6"							
15 11THFL-PCB-SUB-WC-13		SUBSTRATE UNDER EXTERIOR		11	37g	D		1205	
		WINDOW FRAME CAULK 0"							
16 11THFL-PCB-SUB-WC-14		SUBSTRATE UNDER EXTERIOR		11	33g	D		1220	
		WINDOW FRAME CAULK 1"							

☆ PLEASE HOLD SAMPLE PENDING TRC DIRECTION (DB) 9/5/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ 6PCB SAMPLES ONLY, NO COMPOSITES (DB) 9/5/14
~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.~~

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DARREN BRYANT	9/5/14	1145pm	HUDSON MS28	9-6-14	11:50AM	Field	
. (Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

Email dbryant@trcsolutions.com	Analytical Method: EPA Method 8082 * See special instructions box	Lab Comments:	Analyzed By:	Date & Time:
			Print Name:	
			Sign:	

011404813

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / D. KLIMICH / Y. KLIMENKO	Page: 3 of 6
Date: 9/5/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 22153.0000-0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
17	11THFL-PCB-SUB-WC-15		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	11	34g	D	9/2/14	1235	
			WINDOW FRAME CAULK 3"							
18★	11THFL-PCB-SUB-WC-16		SUBSTRATE UNDER EXTERIOR		11	40g	D		1255	
			WINDOW FRAME CAULK 6"							
19	9/3/14-EBLANK	—	EQUIPMENT BLANK	—	—	—	—	9/3/14	0800	
20	10THFL-PCB-SUB-WC-17		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	10	35g	D		0840	
			WINDOW FRAME CAULK 0"							
21	10THFL-PCB-SUB-WC-18		SUBSTRATE UNDER EXTERIOR		10	25g	D		0850	
			WINDOW FRAME CAULK 1"							
22	10THFL-PCB-SUB-WC-19		SUBSTRATE UNDER EXTERIOR		10	25g	D		0920	
			WINDOW FRAME CAULK 3"							
23★	10THFL-PCB-SUB-WC-20		SUBSTRATE UNDER EXTERIOR		10	35g	D		0950	
			WINDOW FRAME CAULK 6"							
24	9THFL-PCB-SUB-WC-21		SUBSTRATE UNDER EXTERIOR		9	32g	D		1040	
			WINDOW FRAME CAULK 0"							

★ PLEASE HOLD SAMPLES PENDING TRC DIRECTION (DB) 9/5/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
Composite A, B, C samples 6 AAB SAMPLES – NO COMPOSITES (DB) 9/5/14
~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via~~ EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DAREN BRYANT	9/5/14	1145 PM	HERNAN MEZA	9-5-14	1116PM	Field	
. (Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

email dbryant@trcsolutions.com

Analytical Method:
EPA Method 8082
* See special instructions box

Lab Comments:

Analyzed By: Date & Time:
Print Name:
Sign:

01140481 3

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name:	Project Name and Address:	Samples Collected By	Page:
NYU	370 JAY STREET, BROOKLYN, NY	O. MARKOV / D. KHIMICH / Y. KLIMENKO	4 of 6
Date:	**Requested Turnaround Time:**	**Project Manager:**	**Project Number:**
9/5/14	Standard 1 WEEK	D. BRYANT	221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
25	9THFL-PCB-SUB-WC-22		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	9	28g	D	9/3/14	1100	
			WINDOW FRAME CAULK 1"							
26	9THFL-PCB-SUB-WC-23		SUBSTRATE UNDER EXTERIOR		9	35g	D		1120	
			WINDOW FRAME CAULK 3"							
27 ☆	9THFL-PCB-SUB-WC-24		SUBSTRATE UNDER EXTERIOR		9	30g	D		1145	
			WINDOW FRAME CAULK 6"	↓				↓		
28	9/4/14-EBLANK	—	EQUIPMENT BLANK	—	—	—	—	9/4/14	0805	
29	6THFL-PCB-SUB-WC-25		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	6	37g	D		0830	
			WINDOW FRAME CAULK 0"							
30	6THFL-PCB-SUB-WC-26		SUBSTRATE UNDER EXTERIOR		6	38g	D		0845	
			WINDOW FRAME CAULK 1"							
31	6THFLPCB-SUB-WC-27		SUBSTRATE UNDER EXTERIOR		6	43g	D		0900	
			WINDOW FRAME CAULK 3"							
32 ☆	6THFL-PCB-SUB-WC-28		SUBSTRATE UNDER EXTERIOR		6	39g	D		0920	
			WINDOW FRAME CAULK 6"	↓				↓		

☆ PLEASE HOLD SAMPLES PENDING THE DIRECTION. (DB) 9/5/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ GRAB SAMPLES – NO COMPOSITES (DB) 9/5/14
~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.~~

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DAREN BRYANT	9/5/14	1145pm	HERNAN MEZA	9-5-14	11:50PM	Field	
(Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

Email dbryant@trcsolutions.com

Analytical Method:
EPA Method 8082
** See special instructions box*

Lab Comments:

Analyzed By:	Date & Time:
Print Name:	
Sign:	

011404813

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By O. MARKOV / D. KHMELOK / Y. KLIMENKO	Page: 5 of 6
Date: 9/5/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	~~Photo ID No.~~ NOTES
33 STHFL-PCB-SUB-WC-29		SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #5	5	33g	D	9/4/14	1005	
9/5/14 (DB)		~~EXTE~~ WINDOW FRAME CAULK 0"							
34 STHFL-PCB-SUB-WC-30		SUBSTRATE UNDER EXTERIOR		5	36g	D		1020	
		WINDOW FRAME CAULK 1"							
35 STHFL-PCB-SUB-WC-31		SUBSTRATE UNDER EXTERIOR		5	50g	D		1045	
		WINDOW FRAME CAULK 3"							
☆ STHFL-PCB-SUB-WC-32		SUBSTRATE UNDER EXTERIOR		5	40g	D		1100	
		WINDOW FRAME CAULK 6"							
37 7THFL-PCB-SUB-WC-33		SUBSTRATE UNDER EXTERIOR	WEST ROOF SETBACK	7	36g	D		1210	WC-01
		WINDOW FRAME CAULK 1"						2nd 1230 SEP 5 PM	
38 7THFL-PCB-SUB-WC-34		SUBSTRATE UNDER EXTERIOR		7	34g	D		1245	WC-01
		WINDOW FRAME CAULK 3"							
39 ☆ 7THFL-PCB-SUB-WC-35		SUBSTRATE UNDER EXTERIOR		7	34g	D		1245	WC-01
		WINDOW FRAME CAULK 6"							

☆ PLEASE HOLD PENDING TRC DIRECTION (DB) 9/5/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ GRAB SAMPLES – NO COMPOSITES (DB) 9/5/14
~~Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.~~

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DAREN BRYANT	9/5/14	1145pm	HERMAN MEZ	9-5-14	11:50PM	Field	
(Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

email dbryantresolutions.com

Analytical Method: *EPA Method 8082* * *See special instructions box*

Lab Comments:

Analyzed By: **Date & Time:**
Print Name:
Sign:

011404813

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / D. IKHLICH / Y. KLIMENKO	Page: 6 of 6
Date: 9/5/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	~~Photo ID No.~~
									NOTES
40 FTHFL-PCB-SUB-WC-36		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	WEST ROOF SETBACK	7	28g	D	9/4/14	1315	WC-02
41 FTHFL-PCB-SUB-WC-37		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	↓	7	27g	D	↓	1335	WC-02
~~42~~ FTHFL-PCB-SUB-WC-38		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	↓	7	36g	D	↓	1350	WC-02

2014 SEP -5 P 1:11

RECEIVED

☆ PLEASE HOLD PENDING TRC DIRECTION — DB 9/5/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ GRAB SAMPLES – NO COMPOSITES DB 9/5/14
~~*Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.*~~

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): DARREN BRYANT	9/5/14	1145 PM	HERNAN MEZA	9-5-14	11:50 PM	Field	
(Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

email dbryant@trcsolutions.com	**Analytical Method:** *EPA Method 8082* * *See special instructions box*	**Lab Comments:**	**Analyzed By:**	**Date & Time:**
			Print Name:	
			Sign:	

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

10/14/2014

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/2/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / 370 Jay Street, Brooklyn, NY

The reference number for these samples is EMSL Order #011405335. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011405335
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/02/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 9/30-EBLANK
Equipment Blank
Collected: 9/30/2014 8:00:00 AM ***Lab ID:*** *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1221	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1232	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1242	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1248	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1254	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1260	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1262	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1268	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA

Client Sample Description 2NDFL-PCB-SUB-WC-01
Substrate Under Exterior Window Frame Caulk 0"
Collected: 9/30/2014 11:30:00 AM ***Lab ID:*** *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1254	240	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	10/10/2014	AB	10/13/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-02
Substrate Under Exterior Window Frame Caulk 1"
Collected: 9/30/2014 11:45:00 AM ***Lab ID:*** *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1254	7.3	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/10/2014	AB	10/13/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011405335
CustomerID:	TRCE51
CustomerPO:	
ProjectID:	

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/02/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 2NDFL-PCB-SUB-WC-03
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/30/2014
12:00:00 PM

Lab ID: *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1254	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	10/10/2014	AB	10/13/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

011405335

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay Street, Brooklyn, NY	Samples Collected By: R. Shuler, O. Markov	Page: 1 of 1
Date: 10/1/14	Requested Turnaround Time: Standard	Project Manager: D. Bryant	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity	Condition G/D/SD	Date	Time	Notes
1	9/30/14 - EBLANK	---	EQUIPMENT BLANK	---	---	---	---	9/30/14	0800	---
2	2NDFL-PCB-SUB-WC-01	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	WEST	2ND	57 G	D	9/30/14	1130	Setback Roof
3	2NDFL-PCB-SUB-WC-02	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	WEST	2ND	41 G	D	9/30/14	1145	Setback Roof
4	2NDFL-PCB-SUB-WC-03	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	WEST	2ND	62 G	D	9/30/14	1200	Setback Roof
5 ☆	2NDFL-PCB-SUB-WC-04	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	WEST	2ND	49 G	D	9/30/14	1220	Setback Roof

2014 OCT -1 PM 1:33

☆*PLEASE HOLD SAMPLES PENDING DIRECTION FROM TRC.*

Page 1 Of 1

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
No composite sampling – grab samples only using EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): Daren Bryant	10/1/14	1330	La Porta Andres	10/1/14	1250pm	Field	
(Sign):				10/2/14	0930 4°	Walk In	
II. (Print)						Fed-Ex	
(Sign):						Others	

Email to : dbryant@trcsolutions.com

Analytical Method:
EPA Method 8082
** See special instructions box*

Lab Comments: per Daren 1 week TAT from 10/1 AKG 10/1

Analyzed By: | Date & Time:
Print Name:
Sign:

OrderID: 011405335

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

10/27/2014

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/2/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / 370 Jay Street, Brooklyn, NY

The reference number for these samples is EMSL Order #011405333. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Revised Report (2)- Sample -0019 analyzed per the client's request. –Revised Report 10/20/13 Sample -0019 analyzed outside of the method hold time.
Sample -0002 was analyzed outside of the method hold time due to a login error.

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EMSL Order: 011405333
CustomerID: TRCE51
CustomerPO:
ProjectID:

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Received: 10/02/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 1STFL-PCB-WC-01
Exterior Window Caulk
Collected: 9/11/2014 1:00:00 PM
Lab ID: *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1221	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1232	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1242	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1248	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1254	6.5	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1260	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1262	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH
3540C/8082A	Aroclor-1268	ND	0.98	mg/Kg	10/8/2014	AB	10/9/2014	EH

Client Sample Description 9/11/14-EBLANK
Equipment Blank
Collected: 9/11/2014 9:00:00 AM
Lab ID: *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	10/17/2014	AB	10/17/2014	TL

Client Sample Description 3RDFL-PCB-SUB-WC-06
Substrate Under Exterior Window Frame Caulk 0"
Collected: 9/11/2014 9:30:00 AM
Lab ID: *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	200	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	10/8/2014	AB	10/10/2014	EH

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Analytical Results

Client Sample Description 3RDFL-PCB-SUB-WC-07
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/11/2014 9:50:00 AM ***Lab ID:*** *0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	16	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-08
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/11/2014 10:10:00 AM ***Lab ID:*** *0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	0.86	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH

Client Sample Description 9/26/14-EBLANK
Equipment Blank

Collected: 9/26/2014 9:20:00 AM ***Lab ID:*** *0011*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3580A/8082	Aroclor-1016	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1221	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1232	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1242	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1248	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1254	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1260	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1262	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA
3580A/8082	Aroclor-1268	ND	0.48	mg/Kg	10/7/2014	AB	10/7/2014	EA

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Analytical Results

Client Sample Description 2NDFL-PCB-SUB-WC-10
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/26/2014 10:00:00 AM ***Lab ID:*** *0012*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	150	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	15	mg/Kg	10/8/2014	AB	10/10/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-11
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/26/2014 10:20:00 AM ***Lab ID:*** *0013*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	38	2.5	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/8/2014	AB	10/10/2014	EH

Client Sample Description 2NDFL-PCB-SUB-WC-12
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/26/2014 10:35:00 AM ***Lab ID:*** *0014*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH

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Analytical Results

Client Sample Description 2NDFL-PCB-SUB-WC-12
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/26/2014 10:35:00 AM ***Lab ID:*** *0014*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	10/8/2014	AB	10/10/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-14
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/26/2014 11:15:00 AM ***Lab ID:*** *0016*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	120	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	9.9	mg/Kg	10/8/2014	AB	10/10/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-15
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/26/2014 11:30:00 AM ***Lab ID:*** *0017*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	10	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-16
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/26/2014 11:45:00 AM ***Lab ID:*** *0018*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH

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Analytical Results

Client Sample Description 3RDFL-PCB-SUB-WC-16
Substrate Under Exterior Window Frame
Caulk 3"
Collected: 9/26/2014 11:45:00 AM ***Lab ID:*** *0018*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	1.0	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH

Client Sample Description 3RDFL-PCB-SUB-WC-17
Substrate Under Exterior Window Frame
Caulk 6"
Collected: 9/26/2014 12:00:00 PM ***Lab ID:*** *0019*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1254	0.56	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/21/2014	AB	10/24/2014	EH

Client Sample Description 4THFL-PCB-SUB-WC-18
Substrate Under Exterior Window Frame
Caulk 0"
Collected: 9/26/2014 12:15:00 PM ***Lab ID:*** *0020*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1254	220	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH

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Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011405333
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/02/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 4THFL-PCB-SUB-WC-19
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/26/2014 12:30:00 PM ***Lab ID:*** *0021*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	22	2.5	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH

Client Sample Description 4THFL-PCB-SUB-WC-20
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/26/2014 12:45:00 PM ***Lab ID:*** *0022*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	0.63	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH

Client Sample Description 5THFL-PCB-SUB-WC-22
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/26/2014 1:20:00 PM ***Lab ID:*** *0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1221	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1254	240	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH

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EMSL Order: 011405333
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
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Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/02/14 9:30 AM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 5THFL-PCB-SUB-WC-22
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 9/26/2014 1:20:00 PM ***Lab ID:*** *0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	10/9/2014	AB	10/13/2014	EH

Client Sample Description 5THFL-PCB-SUB-WC-23
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 9/26/2014 1:35:00 PM ***Lab ID:*** *0025*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	13	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	10/9/2014	AB	10/10/2014	EH

Client Sample Description 5THFL-PCB-SUB-WC-24
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 9/26/2014 1:50:00 PM ***Lab ID:*** *0026*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1254	0.64	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/9/2014	AB	10/10/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

011405333

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

TRC

Client Name: NYU	Project Name and Address: 370 Jay Street, Brooklyn, NY	Samples Collected By: V. Bajomo, Y. Klimenko, D. Khimich, R. Shuler	Page: 1 of 3
Date: 9/30/14	Requested Turnaround Time: Standard	Project Manager: D. Bryant	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity	Condition G/D/SD	Date	Time	Photo ID No.
1	1STFL-PCB-WC-01	EXTERIOR	EXTERIOR WINDOW CAULK	EAST	1^{ST}	—	D	9/11/14	1300	—
2	9/11/14 - EBLANK	---	EQUIPMENT BLANK	—	---	—	—	9/11/14	0900	—
3 ✗	1STFL-PCB-SUB-WC-02	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	EAST	1^{ST}	27 G	D	9/11/14	1330	—
4 ✗	1STFL-PCB-SUB-WC-03	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	EAST	1^{ST}	31 G	D	9/11/14	1345	—
5 ✗	1STFL-PCB-SUB-WC-04	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	EAST	1^{ST}	36 G	D	9/11/14	1405	—
6 ✗	1STFL-PCB-SUB-WC-05	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	EAST	1^{ST}	28 G	D	9/11/14	1430	—
7	3RDFL-PCB-SUB-WC-06	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	SOUTH	3^{RD}	57 G	D	9/11/14	0930	—
8	3RDFL-PCB-SUB-WC-07	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	SOUTH	3^{RD}	58 G	D	9/11/14	0950	—
9	3RDFL-PCB-SUB-WC-08	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	SOUTH	3^{RD}	43 G	D	9/11/14	1010	—
10 ✗	3RDFL-PCB-SUB-WC-09	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	SOUTH	3^{RD}	61 G	D	9/11/14	1030	—

✗ ***PLEASE HOLD SAMPLES PENDING DIRECTION FROM TRC.***

Condition: G-Good, D-Damaged, SD-Significantly Damaged

Special Instruction to Laboratory: *No composite sampling – grab samples only using EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.*

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): Daren Bryant	10/1/14	1370	[signature]	10/1/14	1:35 PM	Field	
(Sign): [signature]			[signature]	10/2/14	0930 4°	Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

Email to: dbryant@trcsolutions.com	Analytical Method: *EPA Method 8082* ** See special instructions box*	Lab Comments: One week tat per Daren from 10/7/14 [initials] 10/7	Analyzed By: Print Name: Sign: — Date & Time:

2014 OCT - 1 PM 1:34 RECEIVED

Page 1 Of 3

Page 1 Of 3

OrderID: 011405333

OrderID: 011405333

011405333

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay Street, Brooklyn, NY	Samples Collected By: V. Bajomo, Y. Klimenko, D. Khimich, R. Shuler	Page: 2 of 3
Date: 9/30/14	Requested Turnaround Time: Standard	Project Manager: D. Bryant	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity	Condition G/D/SD	Date	Time	Photo ID No.
11	9/26/14 - EBLANK	---	EQUIPMENT BLANK	---	---	---	---	9/26/14	0920	---
12	2NDFL-PCB-SUB-WC-10	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	NORTH	2ND	27 G	D	9/26/14	1000	---
13	2NDFL-PCB-SUB-WC-11	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	NORTH	2ND	31 G	D	9/26/14	1020	---
14	2NDFL-PCB-SUB-WC-12	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	NORTH	2ND	27 G	D	9/26/14	1035	---
15 *	2NDFL-PCB-SUB-WC-13	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	NORTH	2ND	34 G	D	9/26/14	1050	---
16	3RDFL-PCB-SUB-WC-14	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	NORTH	2ND	30 G	D	9/26/14	1115	---
17	3RDFL-PCB-SUB-WC-15	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	NORTH	3RD	29 G	D	9/26/14	1130	---
18	3RDFL-PCB-SUB-WC-16	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	NORTH	3RD	46 G	D	9/26/14	1145	---
19 *	3RDFL-PCB-SUB-WC-17	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	NORTH	3RD	42 G	D	9/26/14	1200	---
20	4THFL-PCB-SUB-WC-18	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	NORTH	4TH	27 G	D	9/26/14	1215	---
21	4THFL-PCB-SUB-WC-19	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	NORTH	4TH	45 G	D	9/26/14	1230	---

*PLEASE HOLD SAMPLES PENDING DIRECTION FROM TRC.

Page 2 Of 3

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
No composite sampling – grab samples only using EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I (Print): Daren Bryant	10/1/14	1730		10/1/14	1:35 PM	Field	
(Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

Email to : dbryant@tresolutions.com	Analytical Method: *EPA Method 8082* * *See special instructions box*	Lab Comments:	Analyzed By:	Date & Time:
			Print Name:	
			Sign:	

per Daren proceed with 0019(WC-17) outside of the method holdtime on a one week TAT 10/2

OrderID: 011405333

Page 2 Of 3

011405333

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay Street, Brooklyn, NY	Samples Collected By: V. Bajomo, Y. Klimenko, D. Khimich, R. Shuler	Page: 3 of 3
Date: 9/30/14	Requested Turnaround Time: Standard	Project Manager: D. Bryant	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity	Condition G/D/SD	Date	Time	Photo ID No.
22	4THFL-PCB-SUB-WC-20	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	NORTH	4TH	47 G	D	9/26/14	1245	—
23 *	4THFL-PCB-SUB-WC-21	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	NORTH	4TH	35 G	D	9/26/14	1305	—
24	5THFL-PCB-SUB-WC-22	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 0"	NORTH	5TH	27 G	D	9/26/14	1320	—
25	5THFL-PCB-SUB-WC-23	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 1"	NORTH	5TH	37 G	D	9/26/14	1335	—
26	5THFL-PCB-SUB-WC-24	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	NORTH	5TH	29 G	D	9/26/14	1350	—
27 *	5THFL-PCB-SUB-WC-25	EXTERIOR	SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	NORTH	5TH	26 G	D	9/26/14	1410	—

PLEASE HOLD SAMPLES PENDING DIRECTION FROM TRC.

2011 OCT -1 PM 1:14

Page 3 of 3

Page 3 Of 3

Condition: G- Good, D –Damaged, SD– Significantly Damaged	Special Instruction to Laboratory: *No composite sampling – grab samples only using EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.*

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): Daren Bryant	10/1/14	1330		10/1/14	1:25 PM	Field	
. (Sign):						Walk In	
II. (Print):						Fed-Ex	
(Sign):						Others	

Email to : dbryant@trcsolutions.com	Analytical Method: *EPA Method 8082* * *See special instructions box*	Lab Comments:	Analyzed By:	Date & Time:
			Print Name:	
			Sign:	

OrderID: 011405333

OrderID: 011405333

EMSL Analytical, Inc.
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Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

10/20/2014

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/13/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / 370 Jay Street, Brooklyn, NY

The reference number for these samples is EMSL Order #011405558. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

EMSL Analytical, Inc.
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EMSL Order: 011405558
CustomerID: TRCE51
CustomerPO:
ProjectID:

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Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/13/14 4:30 PM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description Ground FL-PCB-GGC-01
Exterior Garage Gate Caulking
Collected: 10/7/2014 10:00:00 AM ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	2.5	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	0.56	mg/Kg	10/15/2014	AB	10/16/2014	EA

Client Sample Description Ground FL-PCB-EDC-02
Exterior Doors Caulking
Collected: 10/7/2014 10:35:00 AM ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	1.4	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	9.6	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	1.0	mg/Kg	10/15/2014	AB	10/16/2014	EA

Client Sample Description Ground FL-PCB-PMC-03
Marble Panel/Map Frame & Joints Caulking
Collected: 10/7/2014 12:30:00 PM ***Lab ID:*** *0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	3.1	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	0.96	mg/Kg	10/15/2014	AB	10/16/2014	EA

EMSL Analytical, Inc.
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Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011405558
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CustomerPO:
ProjectID:

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New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/13/14 4:30 PM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description Ground FL-PCB-EWC-04
Exterior Window Caulking
Collected: 10/7/2014 11:40:00 AM ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	4.2	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA

Client Sample Description Ground FL-PCB-WG-05
Window Glazing
Collected: 10/7/2014 11:10:00 AM ***Lab ID:*** *0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	22	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	4.4	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	0.90	mg/Kg	10/15/2014	AB	10/16/2014	EA

Client Sample Description Ground FL-PCB-EWC-06
Exterior Window Caulking/On Top of Glazing
Collected: 10/7/2014 12:50:00 PM ***Lab ID:*** *0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	2.3	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	1.8	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	0.97	mg/Kg	10/15/2014	AB	10/16/2014	EA

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011405558
CustomerID:	TRCE51
CustomerPO:	
ProjectID:	

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/13/14 4:30 PM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description Ground FL-PCB-DC-07
Exterior Door Caulking

Collected: 10/7/2014 1:40:00 PM ***Lab ID:*** *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1221	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1232	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1242	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1248	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1254	2.6	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1260	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1262	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA
3540C/8082A	Aroclor-1268	ND	0.93	mg/Kg	10/15/2014	AB	10/16/2014	EA

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

01140555 8

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay Street, Brooklyn, NY	Samples Collected By: Dmitriy Khimich	Page: 1 of 1
Date: 10-7-14	Requested Turnaround Time: 1 Week	Project Manager: D. Bryant	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity	Condition G/D/SD	Date	Time	Notes
GROUND FL-PCB-GGC-01	Exterior	Exterior Garage Gate Caulking	South	Ground		Poor	10-7-14	10:00	
GROUND FL-PCB-EDC-02	Exterior	Exterior Doors Caulking	East	↓		↓	↓	10:35	
GROUND FL-PCB-PMC-03	Exterior	Marble Panel/Map Frame & Joints Caulking	North/East					12:30	
GROUND FL-PCB-EWC-04	Exterior	Exterior Window Caulking	East					11:40	
GROUND FL-PCB-WG-05	Exterior	Window Glazing	East					11:10	
GROUND FL-PCB-EWC-06	Exterior	Exterior Window Caulking/On Top of Glazing	East					12:50	
GROUND FL-PCB-DC-07	Exterior	Exterior Door Caulking	North/East	↓		↓	↓	13:40	

1 2 3 4 5 6 7

PLEASE HOLD SAMPLES PENDING DIRECTION FROM TRC.

PER DAREN, PROCEED WITH ANALYSIS ON A 1 WK TAT
12:56p 10/14/14 -EZ

Page 1 Of 1

Condition: G- Good, D –Damaged, SD– Significantly Damaged	**Special Instruction to Laboratory:** ***No composite sampling – grab samples only using EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.***

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): Dmitriy Khimich	10-10-14	15:45	E. Polanowska	10/10/14	3:45pm	Field	
(Sign): D. Khimich						Walk In	✓
II. (Print):			4°C	10/13/14	4:30pm	Fed-Ex	
(Sign):						Others	

Email to : dbryant@trcsolutions.com	**Analytical Method:** *EPA Method 8082* ** See special instructions box*	**Lab Comments:**	**Analyzed By:** / **Date & Time:** / **Print Name:** / **Sign:**

OrderID: 011405558

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

10/20/2014

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/13/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / 370 Jay Street, Brooklyn, NY

The reference number for these samples is EMSL Order #011405571. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011405571
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/13/14 4:30 PM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description Staircases C & B-PCB-WG-01 A, B, C - Composite ***Collected:*** 10/10/2014 10:15:00 AM ***Lab ID:*** *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.95	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1221	ND	0.95	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1232	ND	0.95	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1242	ND	0.95	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1248	ND	0.95	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1254	150	4.7	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1260	ND	4.7	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1262	ND	4.7	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1268	ND	0.95	mg/Kg	10/15/2014	AB	10/17/2014	EA

Client Sample Description Staircases D-PCB-WG-02 A, B, C - Composite ***Collected:*** 10/10/2014 1:45:00 PM ***Lab ID:*** *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.64	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1221	ND	0.64	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1232	ND	0.64	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1242	ND	0.64	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1248	ND	0.64	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1254	38	3.2	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1260	ND	3.2	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1262	ND	3.2	mg/Kg	10/15/2014	AB	10/17/2014	EA
3540C/8082A	Aroclor-1268	ND	0.64	mg/Kg	10/15/2014	AB	10/17/2014	EA

Client Sample Description East/North/South-PCB-WG-03 A,B,C - Composite ***Collected:*** 10/10/2014 11:10:00 AM ***Lab ID:*** *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1221	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1232	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1242	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1248	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1254	54	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1260	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1262	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011405571
CustomerID:	TRCE51
CustomerPO:	
ProjectID:	

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/13/14 4:30 PM

Project: **221253.0000.0000 / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description East/North/South-PCB-WG-03 A,B,C - Composite ***Collected:*** 10/10/2014 11:10:00 AM ***Lab ID:*** *0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	4.9	mg/Kg	10/15/2014	AB	10/20/2014	TL

Client Sample Description West-PCB-WG-04 A,B,C - Composite ***Collected:*** 10/10/2014 12:30:00 PM ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1221	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1232	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1242	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1248	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1254	41	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1260	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1262	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL
3540C/8082A	Aroclor-1268	ND	4.4	mg/Kg	10/15/2014	AB	10/20/2014	TL

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

011405571

TRC

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay Street, Brooklyn, NY	Samples Collected By: Dmitriy Khimich	Page: 1 of 1
Date: 10/10/14	Requested Turnaround Time: 1 Week	Project Manager: D. Bryant	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity	Condition G/D/SD	Date	Time	Notes
STAIRCASES C & B-PCB-WG-01 A - COMPOSITE		Window Glazing	ST.-C	7TH		POOR	10-10-14	10:15	
STAIRCASES C & B-PCB-WG-01 B - COMPOSITE		Window Glazing	ST.-C	8TH		↓	↓		
STAIRCASES C & B-PCB-WG-01 C - COMPOSITE		Window Glazing	ST.-B	5TH					
STAIRCASE D-PCB-WG-02 A COMPOSITE		Window Glazing	ST.-D	7TH				13:45	
STAIRCASE D -PCB-WG-02 B COMPOSITE		Window Glazing	ST.-D	8TH					
STAIRCASE D -PCB-WG-02 C COMPOSITE		Window Glazing	ST.-D	9TH					
EAST/NORTH/SOUTH-PCB-WG-03 A-COMPOSITE		Window Glazing	NORTH	7TH				11:10	
EAST/NORTH/SOUTH -PCB-WG-03 B-COMPOSITE		Window Glazing	SOUTH	9TH					
EAST/NORTH/SOUTH -PCB-WG-03 C-COMPOSITE	LEFT MESS - COMPOSITE	Window Glazing	EAST	11TH					
WEST-PCB-WG-04 A COMPOSITE	ALL SAMPLES INTO 1 ?	Window Glazing	WEST	7TH				12:30	
WEST-PCB-WG-04 B COMPOSITE	1:55pm 10/14/14 - EL	Window Glazing	WEST	8TH					
WEST-PCB-WG-04 C COMPOSITE	Per Dave - composite every 3 w/14	Window Glazing	WEST	9TH		↓	↓		

2014 OCT 10 PM 3:

***PLEASE HOLD SAMPLES PENDING DIRECTION FROM TRC.**

Condition: G- Good, D –Damaged, SD– Significantly Damaged	Special Instruction to Laborato[redacted] using EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, [redacted] composite sampling – [redacted] 1254, 1260. 347-882-1509

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print) Dmitriy Khimich	10-10-14		E. Bolmanzeta	10/10/14	3:49PM	Field	
(Sign): D Khimich	15:45		[signature]			Walk In	✓
II. (Print):						Fed-Ex	
(Sign):			[signature] 4C	10/13/14	4:30pm	Others	

Email to: dbryant@trcsolutions.com	Analytical Method: *EPA Method 8082* * *See special instructions box*	Lab Comments:	Analyzed By: / Date & Time: / Print Name: / Sign:

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant** 10/27/2014
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/2/2014. The results are tabulated on the attached data pages for the following client designated project:

221253.0000.0000 / NYU / 370 Jay Street, Brooklyn, NY

The reference number for these samples is EMSL Order #011404664. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Revised Report- Sample -0005 analyzed at the client's request- Original Report 9/9/14. Sample -0005 analyzed outside of the method hold time.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011404664
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 09/02/14 9:30 AM

Project: **221253.0000.0000 / NYU / 370 Jay Street, Brooklyn, NY**

Analytical Results

Client Sample Description 8/27/14-E Blank
Equipment Blank
Collected: 8/27/2014 9:40:00 AM
Lab ID: *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL

Client Sample Description 10THFL-PCB-SUB-WC-01
Substrate Under Exterior Window Frame Caulk 0"
Collected: 8/27/2014 10:30:00 AM
Lab ID: *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	380	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 10THFL-PCB-SUB-WC-02
Substrate Under Exterior Window Frame Caulk 1"
Collected: 8/27/2014 10:45:00 AM
Lab ID: *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	14	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

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Analytical Results

Client Sample Description 10THFL-PCB-SUB-WC-03
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 8/27/2014 10:55:00 AM ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	2.5	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 10THFL-PCB-SUB-WC-04
Substrate Under Exterior Window Frame
Caulk 6"

Collected: 8/27/2014 11:05:00 AM ***Lab ID:*** *0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1254	1.8	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	10/22/2014	AB	10/23/2014	EA

Client Sample Description 9THFL-PCB-SUB-WC-05
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 8/27/2014 12:40:00 PM ***Lab ID:*** *0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	420	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH

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Analytical Results

Client Sample Description 9THFL-PCB-SUB-WC-05
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 8/27/2014 12:40:00 PM ***Lab ID:*** *0006*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1268	ND	49	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 9THFL-PCB-SUB-WC-06
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 8/27/2014 12:55:00 PM ***Lab ID:*** *0007*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	26	2.5	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 9THFL-PCB-SUB-WC-07
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 8/27/2014 1:10:00 PM ***Lab ID:*** *0008*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	1.7	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 8/28/14-E Blank
Equipment Blank

Collected: 8/28/2014 8:30:00 AM ***Lab ID:*** *0010*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL

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Analytical Results

Client Sample Description 8/28/14-E Blank
Equipment Blank
Collected: 8/28/2014 8:30:00 AM ***Lab ID:*** *0010*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3580A/8082	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1254	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL
3580A/8082	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	CF	9/5/2014	TL

Client Sample Description 6THFL-PCB-SUB-WC-09
Substrate Under Exterior Window Frame
Caulk 0"
Collected: 8/28/2014 8:45:00 AM ***Lab ID:*** *0011*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor 1221	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	340	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	25	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 6THFL-PCB-SUB-WC-10
Substrate Under Exterior Window Frame
Caulk 1"
Collected: 8/28/2014 8:55:00 AM ***Lab ID:*** *0012*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	14	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	9/5/2014	AB	9/8/2014	EH

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Analytical Results

Client Sample Description 6THFL-PCB-SUB-WC-11
Substrate Under Exterior Window Frame Caulk 3"
Collected: 8/28/2014 9:05:00 AM ***Lab ID:*** *0013*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	0.80	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 6THFL-PCB-SUB-WC-12
Substrate Under Exterior Window Frame Caulk 6"
Collected: 8/28/2014 9:15:00 AM ***Lab ID:*** *0014*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	0.63	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 5THFL-PCB-SUB-WC-13
Substrate Under Exterior Window Frame Caulk 0"
Collected: 8/28/2014 9:30:00 AM ***Lab ID:*** *0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	640	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH

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Analytical Results

Client Sample Description 5THFL-PCB-SUB-WC-13
Substrate Under Exterior Window Frame
Caulk 0"

Collected: 8/28/2014 9:30:00 AM ***Lab ID:*** *0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1268	ND	50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 5THFL-PCB-SUB-WC-14
Substrate Under Exterior Window Frame
Caulk 1"

Collected: 8/28/2014 9:45:00 AM ***Lab ID:*** *0016*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	30	2.5	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	2.5	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	2.5	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Client Sample Description 5THFL-PCB-SUB-WC-15
Substrate Under Exterior Window Frame
Caulk 3"

Collected: 8/28/2014 10:00:00 AM ***Lab ID:*** *0017*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1232	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1242	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1248	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1254	2.1	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1260	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1262	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH
3540C/8082A	Aroclor-1268	ND	0.50	mg/Kg	9/5/2014	AB	9/8/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: D. MARKOV / D. KITNICH	Page: 1 of 3
Date: 8/29/14	Requested Turnaround Time: Standard 1 WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0003

PCB BULK SAMPLE INFORMATION

	Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
1	8/27/14 - EBLANK	-	EQUIPMENT BLANK	-	-	-	-	8/27/14	0940	
2	10THFL-PCB-SUB-WC-01		SUBSTRATE UNDER EXTERIOR	SCAFFOLD Map #2	10	33g	D		1030	
			WINDOW FRAME CAULK 0"							
3	10THFL-PCB-SUB-WC-02		SUBSTRATE UNDER EXTERIOR		10	36g	D		1045	
			WINDOW FRAME CAULK 1"							
4	10THFL-PCB-SUB-WC-03		SUBSTRATE UNDER EXTERIOR		10	25g	D		1055	
	☆		WINDOW FRAME CAULK 3"							
5	10THFL-PCB-SUB-WC-04		SUBSTRATE UNDER EXTERIOR		10	24g	D		1105	
			WINDOW FRAME CAULK 6"							
6	9THFL-PCB-SUB-WC-05		SUBSTRATE UNDER EXTERIOR		9	27g	D		1240	
			WINDOW FRAME CAULK 0"							
7	9THFL-PCB-SUB-WC-06		SUBSTRATE UNDER EXTERIOR		9	37g	D		1255	
			WINDOW FRAME CAULK 1"							
8	9THFL-PCB-SUB-WC-07		SUBSTRATE UNDER EXTERIOR		9	35g	D		1310	
			WINDOW FRAME CAULK 3"							

☆ PLEASE HOLD OFF ANALYSIS UNTIL DIRECTED BY TRC (DB) 8/29/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite~~ A, B, C samples NO COMPOSITE. GRAB SAMPLES ONLY (DB) 8/29/14
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal
1. (Print): D. Markov	8-29-14	1550	E. Baltuonytis	8/29/14	3:46PM	Field
(Sign):						Walk In ✓
II. (Print):				9/2/14	0430H	Fed-Ex
(Sign):						Others

email to:
dbryant@trcsolutions.com
jcirillo@trcsolutions.com

Analytical Method:
EPA Method 8082
* See special instructions box

Lab Comments:
☆ per Daren add -0005 (WC-04) on a one week tat proceed out of hold ARCH 10/21

Analyzed By:	Date & Time:
Print Name:	
Sign:	

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 JAY STREET, BROOKLYN, NY	Samples Collected By: O. MARKOV / D. KHINICH	Page: 2 of 3
Date: 8/29/14	Requested Turnaround Time: Standard / WEEK	Project Manager: D. BRYANT	Project Number: 221253.0000.0000

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
*9	9TH FL-PCB-SUB-WC-08	SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #2	9	33g	D	8/27/14	1325	
		WINDOW FRAME CAULK 6"							
10	8/28/14-EBLANK	EQUIPMENT BLANK	—	—	—	—	8/28/14	0830	
11	6TH FL-PCB-SUB-WC-09	SUBSTRATE UNDER EXTERIOR	SCAFFOLD DROP #2	6	32g	D		0845	
		WINDOW FRAME CAULK 8"							
12	6TH FL-PCB-SUB-WC-10	SUBSTRATE UNDER EXTERIOR		6	36g	D		0855	
		WINDOW FRAME CAULK 1"							
13	6TH FL-PCB-SUB-WC-11	SUBSTRATE UNDER EXTERIOR		6	27g	D		0905	
		WINDOW FRAME CAULK 7"							
*14	6TH FL-PCB-SUB-WC-12	SUBSTRATE UNDER EXTERIOR		6	32g	D		0915	
per		WINDOW FRAME CAULK 6"							
15	5TH FL-PCB-SUB-WC-13	SUBSTRATE UNDER EXTERIOR		5	32g	D		0930	
		WINDOW FRAME CAULK 0"							
16	5TH FL-PCB-SUB-WC-14	SUBSTRATE UNDER EXTERIOR		5	32g	D	↓	0945	
		WINDOW FRAME CAULK 1"							

* PLEASE HOLD OFF ANALYSIS UNTIL DIRECTED BY TRC (DB) 8/29/14

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
~~Composite A, B, C samples~~ NO COMPOSITE. GRAB SAMPLES ONLY (DB) 8/29/14
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Aroclors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): Oleg Markov	8-29-14	1550	Eva Lunenko	8/29/14	3:46PM	Field	
. (Sign):						Walk In ✓	
II. (Print):						Fed-Ex	
(Sign):						Others	

email to: dbryant@trcsolutions.com; jcastiglione@trcsolutions.com	Analytical Method: EPA Method 8082 * See special instructions box	Lab Comments:	Analyzed By:	Date & Time:
			Print Name:	
			Sign:	

Page 2 Of 3

OrderID: 011404664

TRC

PCB (OB) 8/29/14 ~~ASBESTOS~~ BULK SAMPLE DATA AND CHAIN O.

Client Name:	Project Name :	Date:	Samples Collected By:	
NYU	370 JAY STREET BROOKLYN, NY	8/29/14	O. MARKOV / D. KHIMICH	3 of 3
	Requested Turnaround Time: 1 WEEK		Project Manager: D. BRYANT	Project Number: 221253.0000

PCB ~~ASBESTOS~~ BULK SAMPLE INFORMATION (OB) 8/29/14

BULK SAMPLE ID · No. ~~Homogeneous ID~~	~~Sample Identification~~	(OB) 8/29/14 Material Description	Floor	LOCATION ~~Area~~	Quantity	Condition (G, D, SD)	Photo Number/ Time	DATE
5THFL-PCB-SUB-WC-15		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 3"	5	SCAFFOLD DROP #2	35 g	D	1000	8/28/14
5THFL-PCB-SUB-WC-16		SUBSTRATE UNDER EXTERIOR WINDOW FRAME CAULK 6"	5	↓	28 g	D	1015	8/28/14

2015 AUG 29 PM 3:46 RECEIVED

☒ PLEASE HOLD OFF ANALYSIS UNTIL DIRECTED BY TRC (OB) 8/29/14

Condition:	Special Instruction to Laboratory:
G-Good, D-Damaged, SD-Significantly Damaged	NO COMPOSITE. GRAB SAMPLES ONLY (OB) 8/29/14

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print): O. Markov	8-29-14	1550	E. Bolumanko	8/29/14	3:46PM	Field	
(Sign): [signature]			[signature]			Walk In	✓
II. (Print):						Fed-Ex	
(Sign):						Others	

Email Results to:	Analytical Method:	Lab Comments:	Analyzed By:	Date & Time:
...solutions.com ...com	EPA Method 8082		Print Name: Sign:	

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018
Phone: (212) 221-7822
Fax: (212) 221-7840

10/30/2014

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/24/2014. The results are tabulated on the attached data pages for the following client designated project:

2212253

The reference number for these samples is EMSL Order #011405879. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Julie Smith - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011405879
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/24/14 8:30 AM

Project: **2212253**

Analytical Results

Client Sample Description 102214-RS-01A,01B,01C
Coping Stone/Parapet Caulk Roof 14 Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	1.6	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH

Client Sample Description 102214-RS-02A,02B,02C
Coping Stone/Parapet Caulk Stair "C" Roof 15th Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	1.3	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.83	mg/Kg	10/24/2014	AB	10/28/2014	EH

Client Sample Description 102214-RS-03A,03B,03C
Coping Stone/Parapet Caulk Stair C Setback 7th Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	3.6	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011405879
CustomerID: TRCE51
CustomerPO:
ProjectID:

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/24/14 8:30 AM

Project: **2212253**

Analytical Results

Client Sample Description 102214-RS-04A,04B,04C
Coping Stone/Parapet Caulk Stair B 4th Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	6.2	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.79	mg/Kg	10/24/2014	AB	10/28/2014	EH

Client Sample Description 102214-RS-05A,05B,05C
Coping Stone/Parapet Caulk Roof Setback SW 2nd Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	7.4	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.80	mg/Kg	10/24/2014	AB	10/28/2014	EH

Client Sample Description 102214-RS-06A,06B,06C
Coping Stone/Parapet Caulk Roof conc mezz

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	5.1	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.81	mg/Kg	10/24/2014	AB	10/28/2014	EH

EMSL Analytical, Inc.
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http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011405879
CustomerID:	TRCE51
CustomerPO:	
ProjectID:	

Attn: **Daren Bryant**
TRC Environmental Corporation
1430 Broadway
10th Floor
New York, NY 10018

Phone: (212) 221-7822
Fax: (212) 221-7840
Received: 10/24/14 8:30 AM

Project: **2212253**

Analytical Results

Client Sample Description 102214-RS-07A,07B,07C
Coping Stone/Parapet Top layer N-Roof 7th Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	0.99	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	0.82	mg/Kg	10/24/2014	AB	10/28/2014	EH

Client Sample Description 102214-RS-08A,08B,08C
Coping Stone/Parapet bottom layer N-Roof 7th Fl

Collected: 10/22/2014 9:00:00 AM ***Lab ID:*** *0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1221	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1232	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1242	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1248	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1254	1.1	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1260	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1262	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH
3540C/8082A	Aroclor-1268	ND	1.0	mg/Kg	10/24/2014	AB	10/28/2014	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

011405879

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name:	Project Name and Address:	Samples Collected By	Page:
NYU	370 Jay Street Brooklyn NY	R. Shuler/D. Khimich	1 of 2
Date:	**Requested Turnaround Time:**	**Project Manager:**	**Project Number:**
10/20/14	1 week	D. Bryant	2212253

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
10 22 14 -RS-01A	Exterior	Coping Stone / Parapet Caulk	Roof	14		D	10/22/14	0900	
01B	↓	↓	↓	↓		↓	↓	↓	
01C	↓	↓	↓	↓		↓	↓	↓	
10 22 14 -RS-02A		Coping Stone / Parapet Caulk	Stair C Roof	15TH		D	↓	↓	
02B	↓	↓	↓	↓		↓	↓	↓	
02C	↓	↓	↓	↓		↓	↓	↓	
10 22 14 RS 03A	↓	↓	Stair C Setback	7TH		↓	↓	↓	
03B	↓	↓	↓	↓		↓	↓	↓	
03C	↓	↓	↓	↓		↓	↓	↓	10/24 OCT 22
10 22 14 RS-04A	↓	↓	Stair B	4TH		↓	↓	↓	
04B	↓	↓	↓	↓		↓	↓	↓	
04C	↓	↓	↓	↓		↓	↓	↓	PM 3:30
10 22 14 RS-05A	Exterior	↓	Roof Setback	2ND		↓	↓	↓	
05B	↓	↓	ISW	↓		↓	↓	↓	
05C	↓	↓	↓	↓		↓	↓	↓	

Condition:
G- Good, D –Damaged, SD– Significantly Damaged

Special Instruction to Laboratory:
Composite A, B, C samples
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print)			E. Bohuslav	10/22/14	9:30 PM	Field	✓
(Sign).						Walk In	✓
II. (Print)			4°C	10/24/14	0830	Fed-Ex	
(Sign).			RECD IN PLASTIC			Others	

Analytical Method:
EPA Method 8082
** See special instructions box*

Lab Comments:

Analyzed By: | **Date & Time:**
Print Name:
Sign:

Page 1 Of 2

OrderID: 011405879

011405879

TRC

PCB BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

Client Name: NYU	Project Name and Address: 370 Jay Street Brooklyn NY	Samples Collected By R. Shuler/D. Khimich	Page: 2 of 2
Date: 10/20/14	Requested Turnaround Time: 1 week	Project Manager: D. Bryant	Project Number: 2212253

PCB BULK SAMPLE INFORMATION

Bulk Sample ID No.	Room	Material Name/Use	Location	Floor	Quantity (L & W)	Condition G/D/SD	Date	Time	Photo ID No.
102214-RS-6A	Exterior	Coping Stone/Parapet Caulk	Roof	conc mezz		D	10/22/14	0900	
6B	↓	↓	↓	↓		↓	↓	↓	
6C	↓	↓	↓	↓		↓	↓	↓	
7A	Ext	Coping Stone/Parapet Top layer	N-Roof	TM		↓	↓	↓	
7B	↓	↓	↓	↓		↓	↓	↓	
7C	↓	↓	↓	↓		↓	↓	↓	
8A	Ext	C bottom layer	↓	TM		↓	↓	↓	
8B	↓	↓	↓	↓		↓	↓	↓	
8C	↓	↓	↓	↓		↓	↓	↓	

(6) (7) (8)

2014 OCT 22 PM 3:30

Page 2 Of 2

Condition:

G- Good. D –Damaged. SD– Significantly Damaged

Special Instruction to Laboratory:
Composite A, B, C samples
Create one (1) composite sample of each homogeneous material from equal mass portions (± 5%) of the three (3) subsamples for extraction and analysis via EPA Method 8082 for the following Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, 1260.

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date	Time	Received By:	Date	Time	Method Of Submittal	
I. (Print):			E. Bolmanike	10/22/14	4:50PM	Field	
(Sign)						Walk In	✓
II. (Print)			[signature]	10/24/14	0830	Fed-Ex	
(Sign):						Others	

Analytical Method:
EPA Method 8082
** See special instructions box*

Lab Comments:

Analyzed By: **Date & Time:**
Print Name:
Sign:

OrderID: 011405879

APPENDIX B

ENCAPSULANT SPECIFICATION SHEET

Sikagard® 670W Clear

Water-based, 100% acrylic, protective coating

Description	Sikagard 670W Clear is a clear, water-based acrylic protective coating. Sikagard 670W Clear prevents moisture ingress, is water vapor permeable, and provides an excellent carbonation barrier.
Where to Use	Protective coating for exposed aggregate surfaces, concrete, masonry and brick. Application on vertical, overhead and Horizontal (non-traffic bearing) surfaces.
Advantages	■ Provides resistance to weathering, frost and de-icing salts. ■ Improves look of structure without changing appearance. ■ Excellent adhesion. ■ High UV light resistance. ■ Excellent resistance to carbon dioxide and other aggressive gas diffusion. ■ Water vapor permeable (breathable). ■ Easy application by brush, roller or spray. ■ Resistant to dirt pick-up. ■ Prevents ingress of chlorides. ■ Cost-effective protection.
Coverage	Theoretical per coat: 160 sq. ft./gal. Wet film thickness: 10 mils. Dry film thickness: 2.3 mils. All coverage is dependent on porosity of substrate. In addition, allowance must be made for surface profile. Unavoidable variation in application thickness, loss and waste. Normal coating system is one coat minimum at a total nominal dry film thickness of 2.3 mils. The total number of coats depends on the porosity of the substrate. On very porous substrates, two coats will typically be required.
Packaging	5 gallon, re-closable plastic pails.

Typical Data *(Material and curing conditions at 73°F (23°C) and 50% R.H.)*

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Shelf Life	1 year in original, unopened container.
Storage Conditions	Store dry at 40°-95°F (4°-35°C). **Condition material to 65°-75°F (18°-24°C) before using.** Protect from freezing. If frozen, discard.
Pot Life	Indefinite, provided proper care is taken in protecting the system from moisture, freezing, contamination, or evaporation.
Solids Content	23% by volume
Viscosity	117-123 ku
VOC Content	193 g/L

Waiting and Drying Times at 2.3 mils, Dry

Between Coats	Rain Resistant After/Final Drying
45°F (7°C) approx. 70 min.	approx. 3 hours
68°F (20°C) approx. 60 min.	approx. 1 hour and 15 min.
85°F (30°C) approx. 15 min.	approx. 1 hour

Water Resistance (Cure Time = 1, 3, and 7 days) at 2.3 mils, Dry
ASTM D-2247: very good resistance to whitening (ASTM score = 8, where 10 is perfect)
ASTM D-714: No blisters (ASTM score = 10, where 10 is none)

Moisture Vapor Permeability (ASTM D-1653) at 2.3 Mils, Dry 7.72 perms

Water Spotting (Tested at 3 hr., 1, 2, 3, and 7 days)
ASTM D-1848: Very good resistance to whitening
(ASTM score = 8, where 10 is perfect)

Water Vapor Transmission (at 2.3 mils=55.2 microns dry film thickness)
μ - value H_2O (diffusion coefficient) = 10,300
Sd H_2O (equivalent air thickness) = 6 ft. (1.70 m.)

Carbon Dioxide Diffusion (at 2.3 mils=55.2 microns dry film thickness)
μ - value CO_2 (diffusion coefficient) = 631,000
Sd CO_2 (equivalent air thickness) = 226 ft. (69 m.)
Sc (equivalent concrete thickness) = 7 in. (17 cm.)

Construction

How to Use

Surface Preparation	All surfaces to be coated must be dry, clean, sound and frost-free with curing compound residues and any other foreign matter removed. An open textured sandpaper-like surface is ideal (CSP 3 as per ICRI guidelines). Where necessary, surfaces should be prepared mechanically by blast cleaning or high pressure waterjetting. Bugholes, cracks or irregularities of substrate should be filled and leveled with SikaTop, Sika MonoTop leveling mortar as appropriate.
Mixing	Stir thoroughly to ensure uniformity using a low speed (400-600 rpm) drill and Sika paddle.
Application	Any areas of glass or other surfaces should be masked. Recommended application temperatures (ambient and substrate) 45°-95°F (5°-35°C). Sikagard 670W Clear can be applied by brush, roller, or spray over entire area moving in one direction. Sikagard 670W Clear is usually applied using a short nap roller. Allow a minimum of 60 minutes prior to re-coating. At lower temperatures and high humidity, waiting time will be prolonged. At higher temperatures, work carefully to maintain a 'wet' edge. **As with all coatings, jobsite mock-ups should always be completed to confirm acceptability of workmanship, material and aesthetics.**
Limitations	■ Not designed for use as a traffic-bearing surface. ■ Substrate must be dry prior to the application. Allow sufficient time for the substrate to dry after rain or other inclement conditions, as this could cause bonding problems. A white haze may develop if moisture is trapped behind the coating. ■ Minimum age of normal concrete prior to the application is 14 days, depending on curing and drying conditions. Substrate must be strong enough to properly prepare by mechanical means, achieving a sandpaper-like surface (CSP 3 as per ICRI guidelines). ■ Sikagard 670W Clear should not be applied at relative humidities greater than 90%, or if rain is forecast within the specified rain resistance period. ■ Do not thin. ■ Do not apply if the ambient and substrate temperature are within 5°F (3°C) of the dew point temperature. ■ Minimum age of SikaTop or Sika MonoTop thin layer renderings is 3 days prior to the application of Sikagard 670W Clear. ■ Do not use over moving cracks. ■ Product must be protected from freezing. If frozen, discard. ■ During application, regular monitoring of wet film thickness and material consumption is advised to ensure that the correct layer thickness is achieved. ■ When over-coating existing coatings, compatibility and adhesion testing is recommended. ■ Do not store Sikagard 670W Clear in direct sunlight for prolonged periods.

Caution

Warning	Avoid breathing vapors. Use only with adequate ventilation. May cause respiratory irritation and headaches.
Irritant	Skin, eye, and respiratory irritant; avoid contact. Use of safety goggles and chemical resistant gloves is recommended. Remove contaminated clothing.
First Aid	In case of eye contact, flush with water for 15 minutes, contact physician immediately. For skin contact, wash skin with soap water. For respiratory problems, remove person to fresh air. Wash clothing before re-use.
Spill Clean Up	Confine spill, ventilate closed areas, and collect with absorbent material. Dispose of in accordance with current, applicable, local, state, and federal regulations. Uncured material can be removed water. Cured material can only be removed mechanically.

Visit our website at www.sikausa.com **1-800-933-SIKA NATIONWIDE**

Regional Information and Sales Centers. For the location of your nearest Sika sales office, contact your regional center.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 800-933-7452
Fax: 201-933-6225

Sika Canada Inc.
601 Delmar Avenue
Pointe Claire
Quebec H9R 4A9
Phone: 514-697-2610
Fax: 514-694-2792

Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537

MAINTENANCE AND MONITORING IMPLEMENTATION PLAN

370 JAY STREET BROOKLYN, NEW YORK

Site Location

370 JAY STREET
BROOKLYN, NY 11201

Prepared For

NEW YORK UNIVERSITY

10 Astor Place, 6th Floor
New York, New York 10003

Prepared By

TRC Environmental Corporation
1430 Broadway, 10th Floor
New York, New York 10018

September 22, 2015

TABLE OF CONTENTS

Section **Page**

FIGURES

1.0 INTRODUCTION

TRC Environmental Corporation (TRC) has prepared this Maintenance and Monitoring Implementation Plan in accordance with the Toxic Substances Control Act (TSCA), on behalf of New York University (NYU). This plan presents the monitoring and maintenance activities that will be conducted to assess the long-term efficacy of the encapsulant applied, as an interim measure, to exterior limestone substrate after the removal of the associated window frame caulk identified as containing polychlorinated biphenyls (PCBs) at concentrations ≥ 50 parts per million (ppm).

1.1 Background

The Site was the former MTA headquarters with an original certificate of occupancy by the New York City Department of Buildings in 1951 for the New York City Transit Authority. It is a fourteen story building with three (3) mechanical penthouse floors (fifteenth, sixteenth, and sixteenth floor plenum floors). The building consists of approximately 460,000 square feet of offices and workshops above ground in an L-shaped layout. The building located along Jay Street from Willoughby Street at the south to Renaissance Plaza at the north, then west to Pearl Street Extension. Two (2) exterior ground floor arcades on the north and south ends of the Jay Street provide stair, escalator and elevator access to the Jay Street-Metrotech subway station below and provide access to the building entrances. Below-grade, part of the building footprint is occupied by the subway station. The remaining space is primarily parking, storage and building service areas on two levels accessible on the north side, with five levels of accessible storage from the south side, and additional dedicated areas used for subway/police communications to be reserved for MTA operations essential to subway service below.

The subject building was constructed in 1951 and remains intact and primarily un-renovated with the exception of the fourteenth floor of the main portion of the building. Interior walls are constructed primarily of plaster and drywall with concrete floors and ceilings. Support columns and beams are constructed of structural steel and reinforced concrete and the façade is primarily bare limestone with metal windows. Four (4) sets of fire staircases are situated in the subject building core, adjacent to a bank of elevators that serve the structure as well as along northwest corner of the building. An external stair tower is located on the southwest side of the building. NYU is planning a gut

renovation of the entire building including replacement of approximately 1,100 exterior windows and 64 exterior doors. The total NYU gross building renovation area will be approximately 460,000 SF. NYU intends to use the building for classrooms and office space.

GZA Environmental Inc. (GZA) conducted a hazardous materials inspection in conjunction with a Phase I Environmental Site Assessment in May and June 2012. GZA concluded that PCB window caulking with PCB concentrations > 50 ppm is not authorized for use according to EPA, and must be disposed of as PCB bulk product waste according to 40 CFR 761.62. PCB remediation waste (porous facade stone) contaminated by the surrounding window caulking is subject to the cleanup and disposal requirements of 40 CFR 761.61. A subsequent investigation consisting of supplemental asbestos and PCB sampling was conducted by ALC Environmental (ALC) in April and May 2014. The sample summary table and laboratory results from ALC and Phoenix Environmental Laboratories, Inc. identify PCB caulk (>50 ppm) around the windows on the third through thirteenth floor elevations on the north, south, east or west facades ranging from 82 ppm to 97,000 ppm. There was also one (1) sample collected from a window on the fourteenth floor elevation (no indication on which façade it was collected) which had a concentration of 5,300 ppm. Caulk samples collected from the first floor, second floor and roof parapet and roof facade had PCB concentrations below 50 ppm.

As a result of the findings from both the GZA and ALC investigations, TRC was requested by NYU to perform additional quality assurance sampling of caulk materials, perform a detailed caulk substrate characterization, and develop a remedial approach for the ACM/PCB window caulk at 370 Jay Street in Brooklyn, New York. A total of 148 representative samples were collected from multiple elevations, covering all of the facades, and submitted for PCB laboratory analysis, as summarized below:

- 14 exterior window frame caulk samples;
- 5 window glazing samples;
- 5 exterior door frame caulk samples;
- 8 parapet caulk samples;
- 113 limestone samples; and
- 3 stucco samples.

Based on PCB investigations performed by GZA, ALC, and TRC, NYU has decided to remediate the exterior window frame caulk/glaze classified as PCB Bulk Product Waste, by removing and disposing of the caulk/glaze and window components together as part of building renovation activities. NYU will also encapsulate the surrounding exterior limestone substrate impacted by PCBs 25ppm or greater, between the second floor and the fourteenth floor utilizing Sikaguard 670W, a water dispersed, clear, acrylic, protective coating.

2.0 INSPECTION AND MONITORING ACTIVITIES

Inspection and monitoring activities will be conducted to monitor, over time, the efficacy of the remedy for PCB-containing exterior limestone encapsulated through the application of Sikaguard 670W. The proposed locations of the encapsulated materials are depicted on Figures PCB 105.00-108.00.

As discussed in the Interim Measures Plan, the evaluation of the effectiveness of the Interim Measures will be accomplished through:

- Visual inspection;
- Encapsulated Surfaces Wipe Samples – To be collected from the encapsulant to assess the concentrations of PCBs on the surface of the encapsulating barrier; and
- Indoor Air Samples - to assess post Interim Measure concentrations as to the efficacy of the encapsulation in regard to indoor air levels.

The frequency of the three (3) components described above may be adjusted and will be determined by the effectiveness of the remediation method.

2.1 Visual Inspections

Visual inspections of the encapsulated surfaces will be conducted between the second and fourteenth floors. Beginning six (6) months following the completion of the confirmatory wipe sampling, NYU will perform an inspection of encapsulated surfaces, focusing on those areas that would be directly accessible to building maintenance personnel. The inspections will

be visual in nature, and will be intended to confirm that the coated surfaces are in good condition. The inspector will visually observe representative coated surfaces at the Site. Evidence of deterioration of the encapsulant, including wear, chipping, or flaking, will be noted.

If encapsulant deterioration (minor chipping, flaking, or wear spots) are noted through the visual inspection, NYU will arrange to have those areas re-coated with a double layer of the appropriate product.

Following the inspection (and appropriate response actions, as needed) at the three (3) year mark, an additional inspection procedure shall be performed at the five (5) year mark.

The inspections, and any necessary repairs to the coated surfaces, will be documented on an official inspection form, and the forms will be maintained for the life of the building, or until the PCB contaminated material is removed. The inspection form, along with a cover letter outlining any repair of the coated surfaces NYU intends to undertake, will be maintained.

Upon evaluation of the three (3) and five (5) year inspections, a re-evaluation of long term monitoring shall be presented to EPA to determine whether or not additional long term monitoring will need to be performed.

2.2 Wipe Sampling

To confirm that the encapsulant meets performance requirements, wipe sampling will be performed at locations potentially accessible to building maintenance personnel. Wipe samples will be collected immediately adjacent to (within 6 inches of the caulk line) where PCB Bulk Product Waste caulking was removed. The wipe sampling will be conducted after the encapsulant has cured.

Wipe samples will be collected per standard wipe test protocols in accordance with 40 CFR 761.123. Gauze pads which are pre-moistened with hexane, or other appropriate wetting agent, shall be used to collect wipe samples. A one-use template or site specific outline will be used to delineate a 100 cm^2 sampling area. Wipes shall be collected within the sampling area by first wiping in an “S” like motion side to side, followed by folding the wipe media inwards and then wiping the sampling area in an “S” like motion up and down. The wipe

media shall then be placed in a glass jar with a Teflon covered lid for transportation in a cooler where they will be analyzed at a state-certified laboratory for PCBs via EPA Method 8082 and extracted via EPA Method 3540C.

The encapsulant will be shown to be performing adequately if all wipe samples have concentrations of less than 100 µg/100 cm^2. This level was selected because the encapsulant will form a non-porous surface after application. The following confirmatory wipe sampling program is proposed:

- Four (4) exterior wipe samples (per floor) representing all facades
- One (1) trip blank sample for laboratory quality control purposes, per sampling event
- One (1) duplicate sample for laboratory quality control purposes, per sampling event

In total, a minimum of 56 surface samples (in addition to the quality assurance trip and duplicate samples referenced above) will be submitted for laboratory analysis.

If any of the confirmatory wipe samples indicates a PCB concentration greater than 100 µg/100 cm^2, and depending upon the extent of the exceedance, and with input from the EPA, NYU will prepare a more detailed site specific risk assessment to determine if the exposure pathway is complete and if the 100 µg/100 cm^2 action level is appropriate or if re-coating and re-sampling is appropriate.

A specific sampling plan including exact locations, schedules, and sketches shall be provided to EPA at a later date for approval to address the long term monitoring following building occupancy.

It is anticipated that following the wipe sampling at the six (6) month mark (after initial encapsulant application and appropriate response actions, as needed), additional wipe sampling shall be performed at the three (3) and five (5) year mark.

Upon results of these inspections at the six (6) month mark, three (3) year mark, and five (5) year mark, a reevaluation of long term monitoring requirements will be discussed with EPA to determine whether or not additional sampling shall be performed.

2.3 Indoor Air

Following completion of renovation activities and as part of commissioning of the building, PCB air samples will be collected inside the building. As it is not anticipated that the confirmatory post-remediation indoor air samples will exceed the EPA's public health target of 500 nanograms per cubic meter (ng/m³) value for adults, one round of air samples will be collected. However, if the confirmatory post-remediation indoor air samples are in exceedance, then additional indoor air sampling will be conducted on an annual basis until two successive rounds are found to be below the criteria.

Samples will be collected using a Polyurethane Foam (PUF) Media cartridge following EPA Method TO- 10A, Determination and PCBs in Ambient Air Using Low Volume. Samples will be submitted for PCB analysis by EPA Method 680 Modified. The PUF cartridges will be attached to a stand located in the middle of the room being sampled and at a height of approximately 3-5 feet above the floor. The pumps will be calibrated to draw air through the cartridges at an approximate flow rate of five (5) liters per minute for approximately seven (7) hours each. A total of 52 samples from the following locations will be included the program: (four (4) samples per floor from second floor through 14th floor, and one (1) sample at the sixteenth floor). Samples will be collected from two classroom spaces, an office space, and a common area for each of these floors, with the exception of the sixteenth floor where the space is utilized as a mechanical space not accessible to general building occupants. Five (5) duplicate samples will be collected as part of the overall project QA/QC measures.

Upon receipt of the analytical results and data validation, the sample data will be compared to the action levels as described below and documented in the report submitted to EPA. This report will include a recommendation for continuing or refining the sample frequency based on the results.

3.0 ACTION LEVELS AND CORRECTIVE MEASURES

Based on a review of the products' technical specifications and applied locations (exterior limestone substrate), it is not anticipated that the encapsulant will require any additional or routine maintenance activities other than potential corrective measures that may be deemed necessary as a result of the inspection and monitoring activities.

The results from each of the three (3) components of the inspection and monitoring activities will be used in conjunction with one another to evaluate the overall effectiveness of the interim measure over time and to determine what corrective measures may be required. The replacement windows will be inoperable and therefore access to the exterior limestone substrate by potential receptors will be low. No children would be present in the inside of the buildings, except during possible short duration visits with NYU staff. There will be no child care facilities within the buildings.

The specific action level for each component of the monitoring is as follows:

- Results from surface wipe samples of the encapsulated exterior limestone substrate will be compared to the low occupancy use criteria for non-porous surfaces of 100 µg/100 cm^2;

- Results from the indoor air samples will be compared to EPA's December 2014 public health levels of PCBs in school indoor air for ages 19 plus and adults of 500 ng/m^3.

Upon receipt of the laboratory results after each monitoring round, the data will be evaluated as follows to determine whether additional monitoring or corrective measures are needed.

- For encapsulated surfaces:
    - Wipe results indicate that PCBs are ≤ 100 µg/100 cm^2 – no additional action, long term maintenance and monitoring to continue in accordance with this plan.
    - Wipe results indicate that PCBs are > 100 µg/100 cm^2 - continued

monitoring of locations with reported concentrations > 100 µg/100 cm², results and potential corrective actions to be evaluated by NYU in conjunction with EPA.

- For indoor air results:
  - If < 500 ng/m³ - no additional action, long term maintenance and monitoring to continue in accordance with this plan.

  - If > 500 ng/m³ - results and alternative solutions will be evaluated by NYU in conjunction with EPA.

The intent of the laboratory results evaluation will be to assess all lines of evidence, collectively, to determine the overall effectiveness of the interim measures over time and whether corrective measures should be implemented. These results/data will be incorporated into any decision regarding additional interim/corrective measures at this Site.

4.0 TRAINING

Based on discussions with NYU, it is not anticipated that any workers would come in routine contact with the encapsulated surfaces. It is not anticipated that workers performing routine cleaning would require any special training or need to take extra precautions due to the presence of the new encapsulant; however, NYU will conduct general awareness training for maintenance personnel or contractors to ensure they are aware of the importance of maintaining the encapsulant. NYU will prepare an annual awareness update on the exterior encapsulated limestone substrate and make this available to personnel via e-mail or postings.

For any non-routine projects or maintenance activities that involve work on the exterior encapsulated limestone substrate, relevant and appropriate worker training requirements and procedures specific to the task will be developed and implemented.

5.0 COMMUNICATIONS AND REPORTING

Long term monitoring will be conducted beginning six (6) months after the completion of the remediation activities. The activities completed as part of this plan will be documented and submitted to EPA within 90 days following the monitoring activities. This report will document the following:

- Results of the visual inspections;
- Results of the sampling and analyses;
- Comparisons to action levels and recommendations for corrective measures;
- Any corrective measures implemented;
- Any non-routine major projects conducted at the building that encountered the encapsulated area, and the training and protective measures that were implemented;
- Any proposed modifications to the monitoring and maintenance program (e.g., based on the sampling results or discussions with EPA, the frequency of the program may be modified);
- A statement on the continued efficacy of the encapsulants;
- Confirmation that the annual awareness update on the exterior encapsulated limestone substrate was made available to personnel via email or postings; and
- An update and status on plans for building demolition or removal of the exterior limestone substrate.

This report will also include a recommendation for continuing or refining the sample frequency based on the results. In addition, if the results for the sampling and analyses indicate exceedances of project-specific action levels, EPA will be notified within 30 days

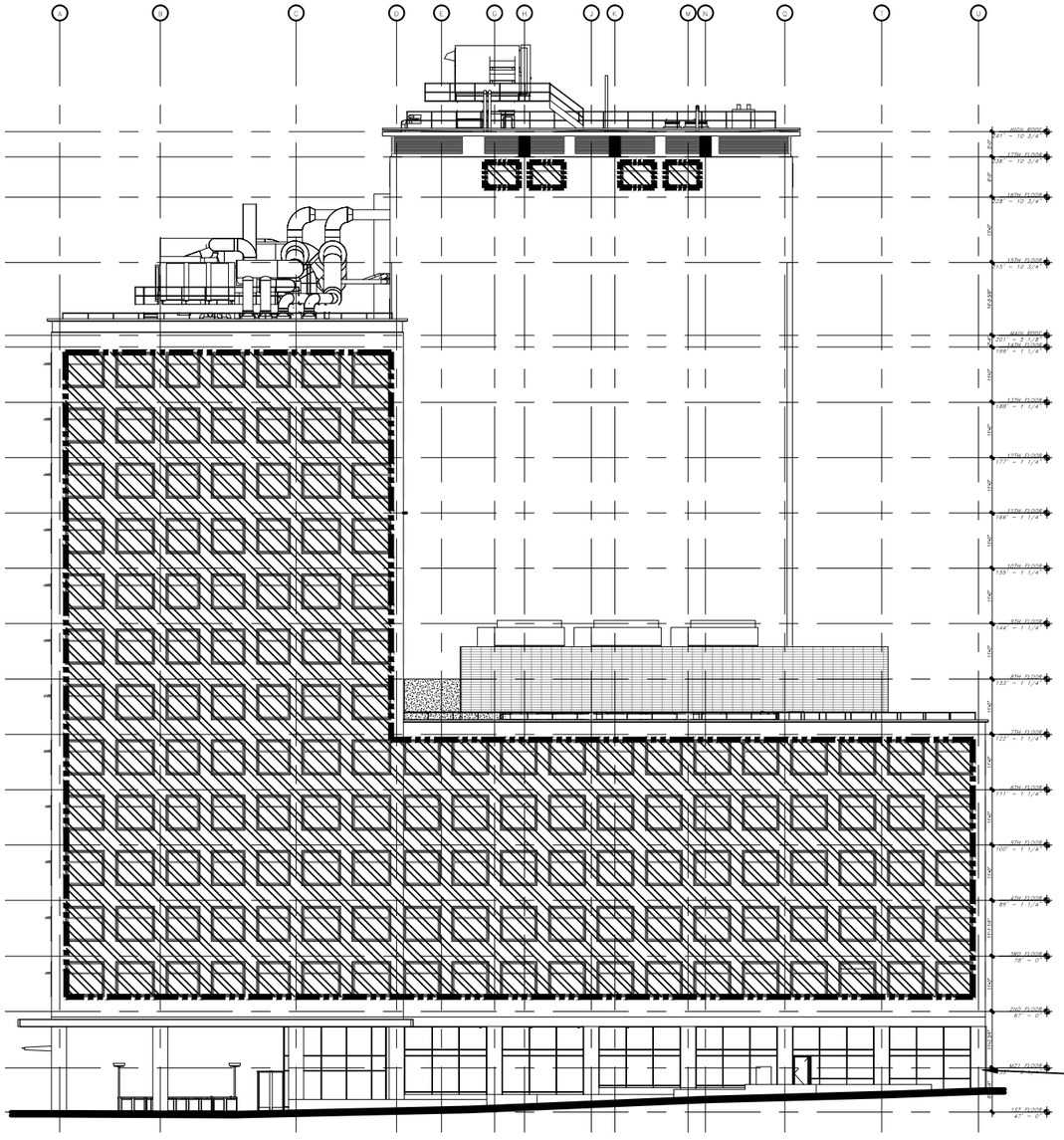
of receipt of the analytical data. This notification will also include proposed corrective measures, if required, in any of the exceedance areas. Upon EPA approval of these proposed measures, they will be initiated within 30 days of Approval or some other specified and agreed upon interval depending on the required measures and procurement procedures that must be followed.

It is possible that results of long term monitoring may warrant or require modifications to this plan. In the event that a modification to the MMIP is necessary, such an amendment will be proposed to EPA for approval as part of the scheduled report submittal.

FIGURES

LEGEND:

AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



1ST FLOOR GRANITE SUBSTRATE

NORTH ELEVATION

NEW YORK UNIVERSITY

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
NORTH ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB105.00

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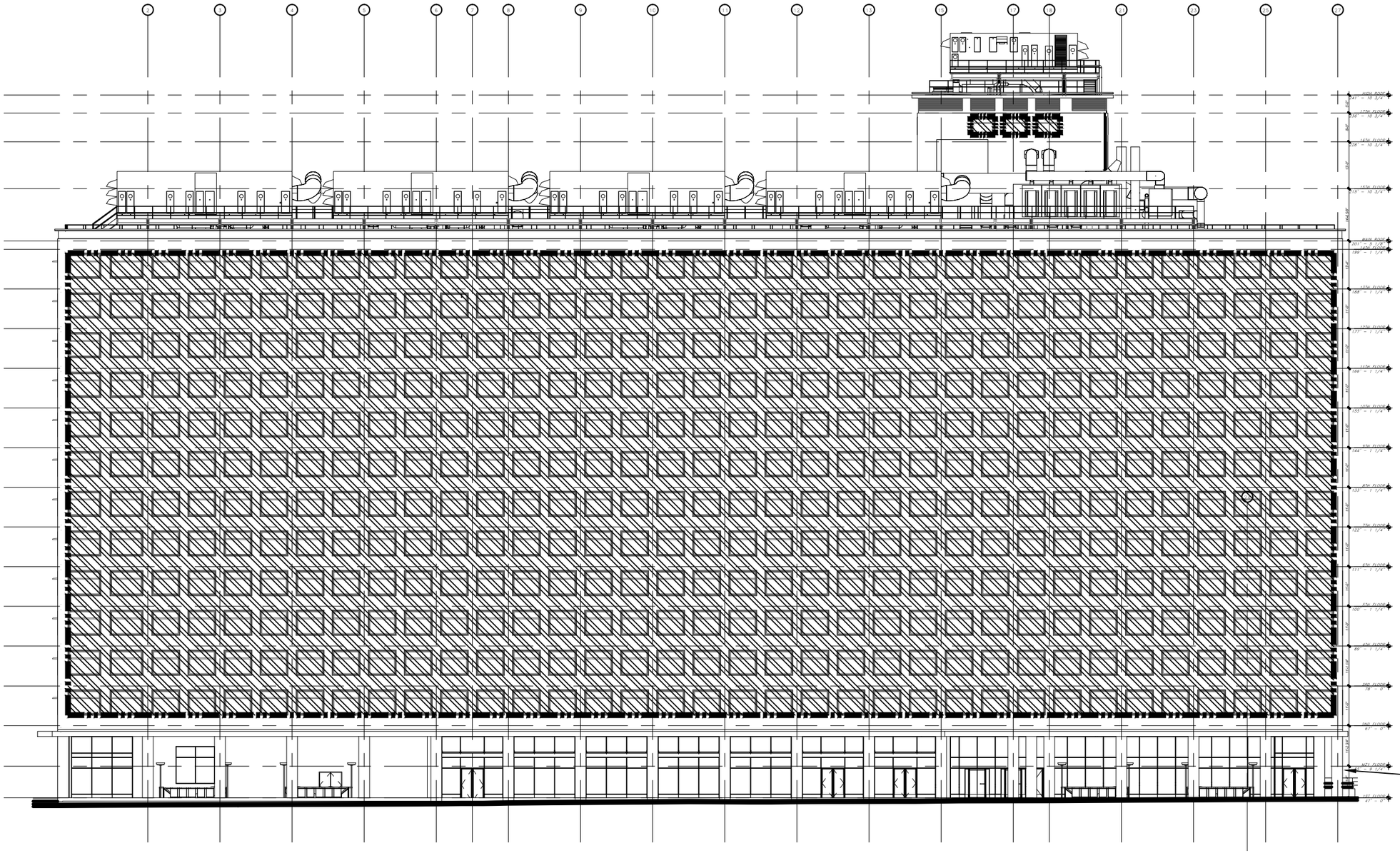
AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



EAST ELEVATION

NEW YORK UNIVERSITY

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
EAST ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB106.00

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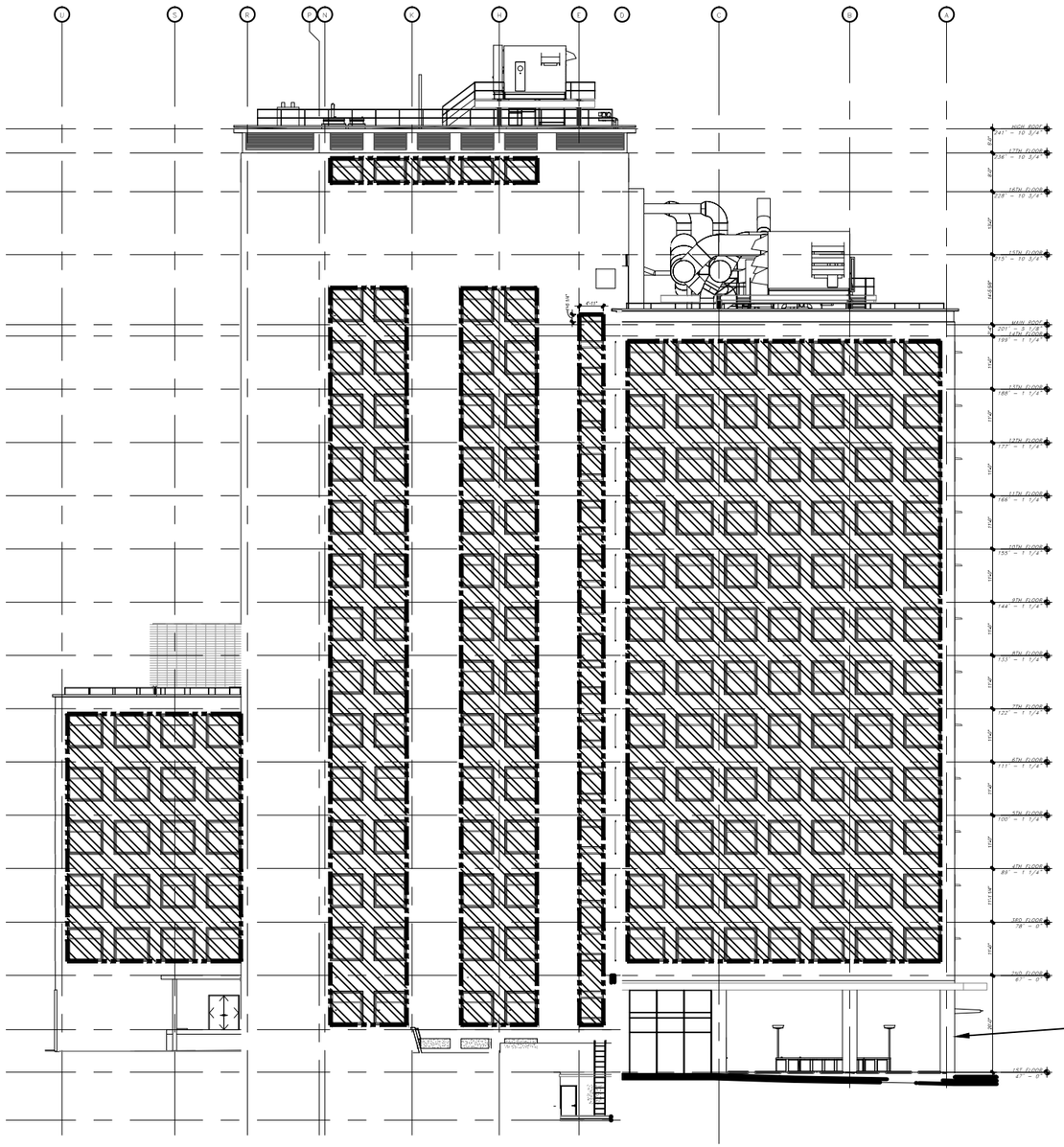
AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



SOUTH ELEVATION (WEST)

SOUTH ELEVATION (EAST)

NEW YORK UNIVERSITY

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
SOUTH ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB107.00

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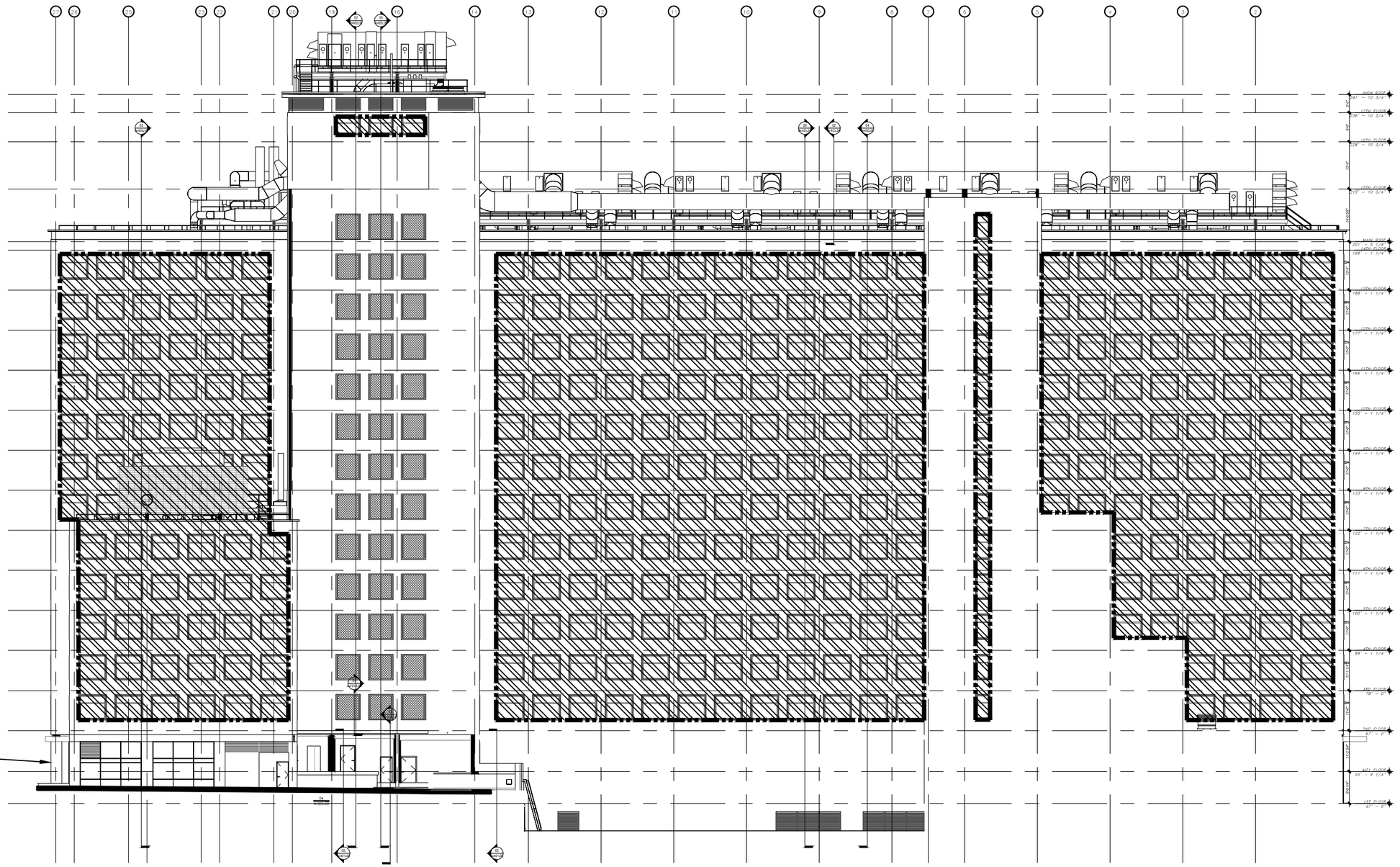
AREA OF PCB CAULK AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS



WEST ELEVATION

NEW YORK UNIVERSITY

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

AREAS OF PCB AND PCB CONTAMINATED LIMESTONE AROUND WINDOW MASONRY OPENINGS
WEST ELEVATION

Contract No: 221253.0000.0000

Scale: NTS

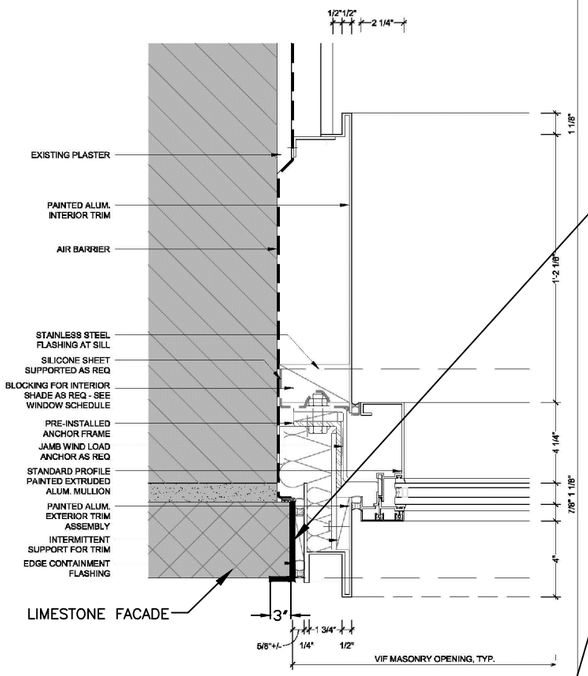
Date: JANUARY 14, 2015

Sheet: N/A

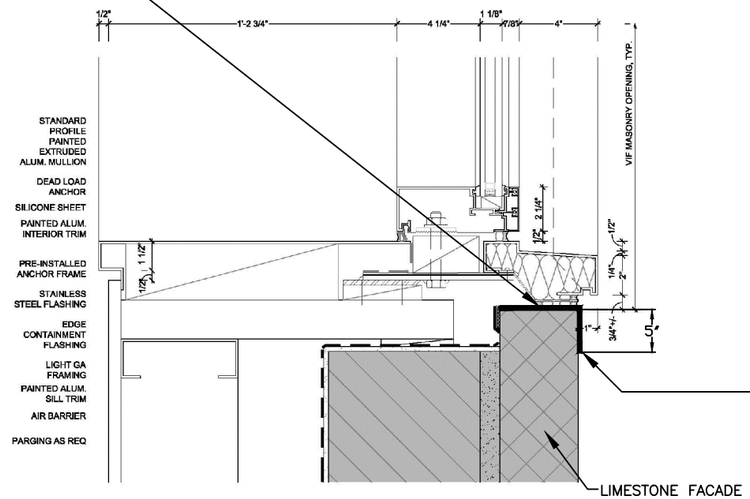
Drawing No: PCB108.00

LEGEND:

ENCAPSULANT APPLIED TO 3" FROM ORIGINAL EXTERIOR PCB CAULK LINE AND TO INTERIOR PORTION OF LIMESTONE

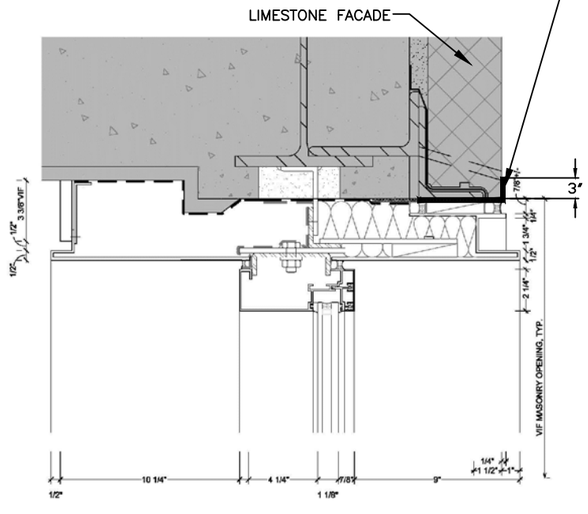


WINDOW DETAILS – TYPICAL WINDOW SILL
NTS



WINDOW DETAILS – TYPICAL WINDOW JAMB
NTS

NOTE:
EXTERIOR CAULK UNDER ORIGINAL WINDOW SILL WAS LOCATED UP TO 2" BELOW MASONRY OPENING ENCAPSULANT TO THEREFORE BE APPLIED 5" FROM MASONRY OPENING AT SILL DETAIL ONLY



WINDOW DETAILS – TYPICAL WINDOW HEADER
NTS

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Revisions:

No.	Date:

Designed by: DB

Drawn by: HD

Checked by: KP / EG

NYU - 370 JAY STREET
NEW YORK, NEW YORK

PCB WINDOW ENCAPSULATION DETAILS
TYPICAL WINDOW SILL, JAMB AND HEADER

Contract No: 221253.0000.0000

Scale: NTS

Date: JANUARY 14, 2015

Sheet: N/A

Drawing No: PCB109.00