VANCOUVER FRASER PORT AUTHORITY
PROJECT AND ENVIRONMENTAL REVIEW
PROJECT PERMIT

PER No.:	**15-136**
Tenant:	**Pacific Coast Terminals Co. Ltd.**
Project:	**Port Moody Channel Dredging**
Project Location:	**Port Moody Navigation Channel**
VFPA SID No.:	**PTM110**
Land Use Designation:	**Port Water**
Applicant:	**Envirochem Services Inc. on behalf of Pacific Coast Terminals Co. Ltd.**
Applicant Address:	**206-267 West Esplanade, North Vancouver BC V7M 1A5**
Category of Review:	**C**
Date of Approval:	**December 30, 2016**
Date of Expiry:	**March 1, 2019**

PROJECT DESCRIPTION

For the purposes of this project permit, (the Permit), the project is understood to include the following works on Vancouver Fraser Port Authority (VFPA) property:

- Installation of an underwater containment berm using a clamshell derrick on a barge;
- Dredging the shipping channel;
- Dredging the turning basin;
- Dredging the berth face;
- Disposal of approximately 550,000 m^3 of dredgeate in the basin within the containment berm.

PROJECT AND ENVIRONMENTAL CONDITIONS

The Vancouver Fraser Port Authority (VFPA) has undertaken and completed a review of the Project in accordance with the *Canada Marine Act* and Section 5 of the Port Authorities Operations Regulations and, as applicable, Section 67 of the *Canadian Environmental Assessment Act*, 2012.

If at any time the Applicant fails to comply with any of the project and environmental conditions set out in the Permit below, or if VFPA determines that the Applicant has provided any incomplete, incorrect or misleading information in relation to the Project, VFPA may, in its sole and absolute discretion, cancel its authorization for the Project or change the project and environmental conditions to which such authorization is subject.

Pursuant to Section 29 of the Port Authorities Operations Regulations, VFPA may also cancel its authorization for the Project, or change the project and environmental conditions to which such authorization is subject, if new information is made available to VFPA at any time in relation to the potential adverse environmental and other effects of the Project.

The following are the project and environmental conditions that must be followed by the Applicant to mitigate potential or foreseeable adverse environmental and other effects.

Canada

No.	GENERAL CONDITIONS
1.	This Permit is conditional on a valid tenure agreement with respect to the subject premises being in place. **No construction or any other physical activities may commence in the absence of a valid tenure agreement.**
2.	This Permit is granted subject to the fulfillment of all other requirements of VFPA, relating to the Project. Furthermore, prior to commencing construction or any other physical activities the Applicant shall ensure that it has complied with all other necessary legal requirements and that all necessary regulatory approvals have been obtained.
3.	This Permit in no way endorses or warrants the design, engineering, or construction of the Project and no person may rely upon this Permit for any purpose other than the fact that VFPA has permitted the construction of the Project, in accordance with the terms and conditions of this Permit.
4.	In consideration of the granting of this Permit by VFPA the Applicant agrees to indemnify and save harmless VFPA against any and all actions, claims, loss, damages or other expenses in any way arising or following from or caused by the granting of this Permit or the construction or operation of the Project as contemplated by this Permit.
5.	The Applicant acknowledges that all plans and specifications relating to this project have been duly prepared and reviewed by appropriate professionals working on their behalf. The Applicant and their agent(s) and/or contractor(s), further acknowledges that they are solely responsible for all design, safety and workmanship aspects of all of the works associated with this project.
6.	The Applicant shall undertake and deliver the Project to total completion in a professional, timely and diligent manner in accordance with the Application submitted and the applicable standards and specifications set out in the sections above entitled Project Description and Information Sources referenced in the Project and Environmental Review Report, including the attached plans and drawings numbered **PER No. 15-136-A to C.** The Applicant shall not carry out any other physical activities unless expressly authorized by VFPA.
7.	A copy of a Disposal At Sea permit pursuant to the provisions of Part 7, Division 3 of the *Canadian Environmental Protection Act*, 1999, valid for the sediments to be placed behind the retention berm must be provided to VFPA before commencement of the physical works. Further, if Environment and Climate Change Canada does not accept that those sediments on the southern perimeter of the navigation channel above the Imperial Oil Limited pipelines crossing the channel that have been described as “sediments of concern” to be targeted with “precision dredging” are acceptable for disposal at the project disposal site, the Applicant shall identify a lawful alternative disposal method for those sediments that is acceptable to VFPA, before the commencement of the physical works.
8.	The Applicant shall establish a spill prevention, containment and clean-up plan for hydrocarbon products (including fuel, oil and hydraulic fluid) and any other deleterious substances using standards, practices, methods and procedures to a good commercial standard, conforming to applicable law and using that degree of skill and care, diligence, prudence and foresight which would be reasonably and ordinarily expected from a qualified, skilled and experienced person engaged in a similar type of undertaking under the same or similar circumstances. The Applicant shall ensure that appropriate spill containment and clean-up supplies are available on site at all times and that all personnel working on the project are familiar with the spill prevention, containment and clean-up plan.

9.	The Applicant shall be solely responsible for reviewing DFO's Projects Near Water website (http://www.pac.dfo-mpo.gc.ca/habitat/know-savoir-eng.htm) to assess whether the Project requires DFO's involvement. The Applicant is solely responsible for submitting any necessary information through DFO's Project Review Process.	
10.	The Applicant shall cooperate fully with VFPA in respect of any review by VFPA of the Applicant's compliance with these conditions including, without limitation, providing any information or documentation required by VFPA.	
11.	The Applicant shall make a copy of this Permit available to all employees, agents, contractors, licensees and invitees prior to commencing any physical activities. The Applicant shall be solely responsible for ensuring that all such employees, agents, contractors, licensees and invitees comply with these conditions.	
12.	The Applicant shall make available upon request by any regulatory authority (such as a Fishery Officer) a copy of this Permit.	
13.	The Applicant shall provide copies of monitoring reports to other parties when and as directed by VFPA Environmental Programs.	
14.	The Applicant and their contractor(s) shall make available employment, training and contract opportunities relating to the project construction to qualified member and/or businesses of interested Aboriginal groups.	
15.	Unless otherwise noted, the Applicant shall submit all documents required for VFPA approval to **email:** per@portvancouver.com**; fax: 1-866-284-4271 and referencing PER No.15-136.**	
	CONDITIONS - PRIOR TO COMMENCING CONSTRUCTION OR ANY PHYSICAL ACTIVITIES	**SUBMISSION TIMING (business days)**
16.	The Applicant shall notify the Fisheries and Oceans Canada (DFO), Conservation and Protection Field Supervisor for Fraser Valley West in Langley, British Columbia (tel: 604-607-4150; fax: 604-607-4199). The Applicant shall copy VFPA Environmental Programs and the Harbour Master on this notification EnvironmentalPrograms@portvancouver.com and Harbour_Master@portvancouver.com; or fax 1-866-284-4271. The physical works may not be initiated before the expiry of the notice period.	2 days before commencing construction or any physical activities
17.	The Applicant shall submit signed and sealed drawings for proposed works approved for construction by a professional engineer licensed to practice in the Province of British Columbia.	5 days before commencing construction or any physical activities
18.	The Applicant shall submit a Construction Communications Plan in accordance with VFPA's Public Consultation Guidelines. The plan will include a notification area, details of website posting of construction notifications, and other initiatives to the satisfaction of VFPA.	15 days before commencing construction or any physical activities

19.	The Applicant shall distribute a construction notice to residents and businesses along the south side of Alderside Road (North), Shoreline Circle, Union Street, Burrard Crescent, the area bounded by Washington Drive and Harvard Drive, Prince Street and Cambridge Way (South), and Reed Point Marina, Flavelle Sawmill, and as detailed in the Construction Communications Plan, describing the works and activities, hours of operation, and contact information, in accordance with an approved Construction Communications Plan. The Applicant shall provide a copy of the draft construction notice for VFPA approval. The Applicant shall copy VFPA when construction notices are distributed.	10 days prior to distribution (the draft notice shall be provided for review) and 10 days before commencing construction or any physical activities (the notice shall be distributed)
20.	Prior to the commencement of any vessel-related activities, the Applicant shall contact the appropriate Canadian Coast Guard ("CCG") Marine Communications and Traffic Services ("MCTS") centre regarding the issuance of a Notice to Shipping ("NOTSHIP") to advise the marine community of potential hazards associated with the Project.	As per Coast Guard requirements
21.	The Applicant is required to hold a project launch construction staging meeting prior to commencing any in-water activities, and invite relevant stakeholders to the satisfaction of VFPA. Based on feedback received from this meeting, VFPA Marine Operations may require the applicant to hold additional meetings periodically to provide marine works updates to relevant stakeholders.	20 days before commencing each phase of construction
22.	The Applicant shall submit an Archeological Chance Find Procedure to be used for the project, to the satisfaction of VFPA.	20 days before commencing construction or any physical activities
23.	The Applicant shall provide pre-and-post hydrographic surveys of the navigation channel, turning basin, berm footprint, and fill sites.	5 days before commencing construction or any physical activities
24.	The Applicant shall submit a final Marine Construction and Staging Plan to the satisfaction of VFPA, which includes: • Staging, construction and dredging areas; • Dates and hours of operation; • Description of activities taking place in each phase; • Participating equipment and vessels (including dimensions); • Method of preferred communication; and • Special requests and/or additional information.	10 days before commencing each phase of construction
	CONDITIONS - DURING CONSTRUCTION OR ANY PHYSICAL ACTIVITIES	
25.	The Applicant shall notify VFPA upon commencement of construction or any physical activities of the Project.	

Canada

26.	Construction and any physical activities related to the Project may be conducted **Monday to Saturday** between the hours of **7:00am and 8:00pm. In addition, specific works for the purpose of dredging the main navigation channel may be conducted 24 hours a day, 7 days a week for up to 16 weeks, provided monitoring is undertaken, consistent with condition No. 35.** No construction works shall occur during statutory holidays. These hours shall not be modified without prior approval from VFPA.
27.	The berm construction, dredging and dredged materials placement works shall be monitored by an appropriately qualified environmental professional. The monitor shall be empowered in writing to direct works to ensure compliance with these conditions. Monitoring events shall occur when the environmental monitor deems it appropriate to provide assurance of compliance with these conditions, but in no case less than daily. The identity and credentials of the monitor shall be approved by the VFPA before commencement of the dredging and placement works.
28.	The environmental monitor shall provide berm construction, dredging and placement works monitoring reports to the VFPA on a weekly basis or more frequently if circumstances warrant. In addition, a summary report for the entire works monitoring period shall be forwarded to the VFPA within six weeks of the conclusion of the requirement for monitoring. VFPA reserves the right to rule on the adequacy of the monitoring and the content of the reports and to require revisions to address any inadequacies.
29.	The Applicant shall take appropriate steps to prevent adverse offsite lighting impacts on people, wildlife, aquatic life, and marine traffic, shall use best available technology to mitigate light spillage. The Applicant further shall document the implementation and effectiveness of these practices to the satisfaction of VFPA, and shall be responsive to lighting concerns raised by VFPA and by the public and other third parties.
30.	Best efforts shall be employed to prevent the deposition of debris into the aquatic environment. Any debris that is deposited, floating or sinking, shall be contained within the immediate area of the work site and recovered as soon as possible. Sinking debris shall be recovered by diver or other non-intrusive means (i.e., recovery by grapple or clamshell is not permitted unless specifically authorized by VFPA Environmental Programs).
31.	The Applicant shall not, directly or indirectly: (a) deposit or permit the deposit of a deleterious substance of any type in water frequented by fish in a manner contrary to Section 36(3) of the *Fisheries Act*; or (b) adversely affect fish or fish habitat in a manner contrary to Section 35(1) of the *Fisheries Act*. All works shall be carried out in such a manner so as to avoid any adverse impact on fish or fish habitat. If permanent destruction of fish habitat that is important to commercial, recreational or aboriginal fisheries occurs, the work will be in contravention of the *Fisheries Act*. Fisheries and Oceans Canada has advised that if such impact occurs it reserves the right to immediately suspend or alter operations and the Applicant shall undertake, at his or her own expense, any compensatory and/or remedial works deemed necessary by Fisheries and Oceans Canada to address the habitat destruction.

32.	The Applicant shall not permit sediment, sediment-laden waters, or other deleterious substances to enter the water during the Project. The Applicant shall carry out all physical activities in a manner that prevents induced sedimentation of foreshore and near shore areas and induced turbidity of local waters, and the release of sediment, sediment-laden waters, and turbid waters to the aquatic environment. All physical activities shall be in compliance with the following water quality criteria described in the British Columbia Water Quality Guidelines (Criteria): May 2015 Edition produced by the BC Ministry of Environment: • When background is less than or equal to 50 nephelometric turbidity units (NTU) or 100 milligrams per litre (mg/L) non-filterable residue (NFR), induced turbidity should not exceed 5 NTU or 10 mg/L NFR above the background values. • When background is greater than 50 NTU or 100 mg/L NFR, induced turbidity should not exceed the background values by more than 10% of the background value. For the purposes of this condition, "background" means the level at an appropriate adjacent reference site (as determined to the satisfaction of VFPA) that is affected neither by physical activities at the site, nor sediment-laden or turbid waters resulting from physical activities at the site. It is acknowledged that environmental monitoring for these purposes will be conducted approximately 30 m from the activity or immediately outside of the silt curtain, whichever is closer. Should the monitoring program indicate exceedances of turbidity at any stage during dredging operations, dredging must be halted until the issue is addressed through a modification in work procedures or through the application of additional mitigation measures.
33.	Debris and waste material generated during the works, including excess sediment, equipment wash water, purge water, and any other waste waters resulting from this project, shall be appropriately contained, collected, and disposed of at appropriate upland locations in accordance with all applicable legislation, guidelines, and best management practices.
34.	There shall be no in-water works (i.e. berm construction, dredging and dredged materials placement) during the fisheries sensitive period from **March 1 to August 15,** inclusive.
35.	The Applicant shall take appropriate steps to prevent adverse noise impacts on people and wildlife. In the event that it becomes apparent to the VFPA that additional measures are necessary with regard to managing noise, VFPA may require that the Applicant prepare and submit a noise management plan, including monitoring, to the satisfaction of VFPA. The Applicant shall be responsive to noise-related issues identified by the VFPA and by the public and other third parties.
36.	The Applicant shall provide, for VFPA records, the noise monitoring data and test methodology details for the following four time periods as indicated in the application documents: August 2012, February 2015, June 2016, and July 2016.
37.	The Applicant shall not permit barges or other vessels used during the project to ground on the foreshore or seabed or otherwise disturb the foreshore or seabed (including disturbance as a result of vessel propeller wash), excepting only such disturbance as is reasonably required resulting from the use of barge spuds.
38.	The Applicant shall ensure that safe and unimpeded access is maintained for neighbouring tenants to their waterlot lease areas at all times.

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39.	During any vessel-related activities, the Applicant shall: • Position vessels and equipment associated with the Project in such a manner so as not to obstruct line of sight to navigational aids or markers. • As per the International Regulations for Preventing Collisions at Sea, exhibit the appropriate lights and day shapes at all times. • Monitor the VHF channel used for MCTS communications in the respective area at all times and participate as necessary. • Be familiar with vessel movements in areas affected by the Project. The Applicant shall plan and execute the Project in a manner that will not impede navigation or interfere with vessel operations. • During night hours, unless working 24 hours per day, the rig and associated equipment shall be moored outside the navigation channel and lit in accordance with all applicable regulations. • Ensure that the pontoon-supported floating pipeline structures are lit with a flashing yellow light during periods of darkness and reduced visibility in accordance with the Canadian Coast Guard's *The Canadian Aids to Navigation System* (TP 968).	
40.	The Applicant shall provide VFPA Marine Operations with regular dredge monitoring surveys at intervals determined by VFPA.	
	CONDITIONS - UPON COMPLETION	**SUBMISSION TIMING (Business Days)**
41.	The Applicant shall notify VFPA upon completion of the Project.	Within 10 days of completion
42.	The Applicant shall provide record drawings, in both AutoCAD and Adobe (PDF) format to VFPA.	Within 40 days of completion
43.	The Applicant shall confirm the berm was constructed according to the design. The Applicant shall conduct inspections annually for five years post-construction to confirm that the berm continues to effectively contain the placed sediments. If it becomes evident that the berm is not stable or not performing as intended, the Applicant shall conduct remedial efforts to the satisfaction of VFPA.	Annually for 5 (five) years
44.	The Applicant shall conduct sediment and biological monitoring following the conclusion of the berm construction, dredging and placement works. Unless otherwise agreed to by VFPA, the newly exposed surficial sediments within the dredged navigation channel shall be sampled and analyzed once within 4 weeks of completion of the works, at stations and for chemical parameters consistent with those done for this Project's Environment and Climate Change Canada Disposal At Sea Permit application. Biological population monitoring (for benthic invertebrates) shall be carried out as proposed [in the documents referenced in the Project and Environmental Review Report], for five years after completion of the works, or less if agreed to by the VFPA. Surficial sediment chemistry shall be sampled and analyzed at the biological monitoring stations concurrently with the biological monitoring.	Within 30 days of completion, and annually for five years

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45.	The Applicant shall provide sediment and biological monitoring reports to VFPA within 12 weeks of each monitoring occasion as required in the foregoing condition. In addition, a summary report for the entire biological monitoring period shall be forwarded to the VFPA within six weeks of the conclusion of the monitoring period. The VFPA reserves the right to rule on the adequacy of the monitoring and the content of the reports and to require revisions to address any inadequacies.	Within 42 days of completion of each monitoring occasion
46.	In advance of requesting either the Vancouver Fraser Port Authority, or other relevant authority (e.g., Pacific Pilotage Authority) amend the navigable or control depth of either the navigation channel, turning basin or berth pocket, the Applicant shall undertake a hydrographic survey that meets the requirements of a "Special Order" survey with "Type C1" coverage as defined by the Canadian Hydrographic Service (CHS) "Standards for Hydrographic Surveys". To have the advertised navigable or control depth for either the navigation channel, turning basin or berth pocket revised, the post dredge survey data must be validated by a competent navigation authority. As such the Applicant shall: a) Contract a surveyor of their choice and then email the survey data and associated metadata to VFPA at navigation.review@portvancouver.com and to CHS Hydrographic Data Centre at Chsdatacentre@dfo-mpo.gc.ca. The survey data will only be accepted by CHS when accompanied by suitable metadata, for example an ISO19115 metadata standard xml file. CHS will then validate the data based on priorities assigned by their chart production requirements and incorporate it into their bathymetric database if they are confident of its quality. Once CHS incorporates the data into their database, VFPA, Pacific Pilotage Authority (PPA) and British Columbia Coast Pilots (BCCP) will be notified that the data has been approved for navigation purposes and the control depths will be updated accordingly; or, b) Request VFPA arrange for a hydrographic survey that meets the navigation requirements and agree to reimburse VFPA for the full cost of the survey. This means VFPA will contract the surveyor, set the survey requirements and ensure the requirements are met. This option allows VFPA to accept the data as soon as it is received and reviewed by VFPA, PPA and BCCP. The control depths will then be updated and the survey data and associated metadata will be supplied to CHS for charting purposes. The Applicant must notify VFPA two weeks prior to anticipated Project completion to allow sufficient time for VFPA to arrange a post dredging hydrographic survey at the earliest possible time after the dredge and associated equipment have vacated the area.	Within 30 days of completion
VFPA reserves the right to rescind or revise these conditions at any time that new information warranting this action is made available to VFPA.		

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LENGTH OF PERMIT VALIDITY
The construction of the Project must commence by **December 31, 2017** (the "Commencement Date") and be complete no later than **March 1, 2019** (the "Expiry Date").
AMENDMENTS
• Details of any material proposed changes to the Project, including days and hours when construction and any physical activities will be conducted, must be submitted to VFPA for consideration of an amendment to this Permit. • For an extension to the Commencement Date, the Applicant must apply to VFPA in writing no later than 30 days prior to that date. • For an extension to the Expiry Date, the Applicant must apply in writing to VFPA no later than 30 days prior to that date. **Failure to apply for an extension as required may, at the sole discretion of VFPA, result in termination of this Permit.**

PROJECT AND ENVIRONMENTAL REVIEW DECISION

Project Permit PER No. 15-136 is approved by:

Original Copy Signed

GREG YEOMANS
DIRECTOR, PLANNING & DEVELOPMENT

December 30, 2016
DATE OF APPROVAL

CONTACT INFORMATION

Vancouver Fraser Port Authority (VFPA)
100 The Pointe, 999 Canada Place,
Vancouver BC V6C 3T4 Canada

Project & Environmental Review
Tel.: 604-665-9047
Fax: 1-866-284-4271
Email: PER@portvancouver.com
Website: www.portvancouver.com

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BURRARD INLET

N

FRPD CLAMSHELL DREDGING CRANE AND SCOW

FRPD 309 THSD (DREDGING)

ROCK SCOW (AT ANCHOR)

COLUMBIA CSD (AT ANCHOR)

PHASE 3
NAVIGATION CHANNEL

COLUMBIA CSD FLOATING PIPELINE (AT ANCHOR)

FRPD 309 THSD (DISCHARGING)

PHASE 1
PIPELINE REMOVAL

EXISTING PIPELINE

PHASE 4
TURNING BASIN

CONTAINMENT BERM

COLUMBIA CSD (DREDGING)

FILL SITE
B

DIFFUSER PIPE

COLUMBIA CSD FLOATING PIPELINE (DREDGING)

FILL SITE
A

PHASE 2
BERM CONSTRUCTION

EXISTING BERM

ROCK SCOW (AT ANCHOR)

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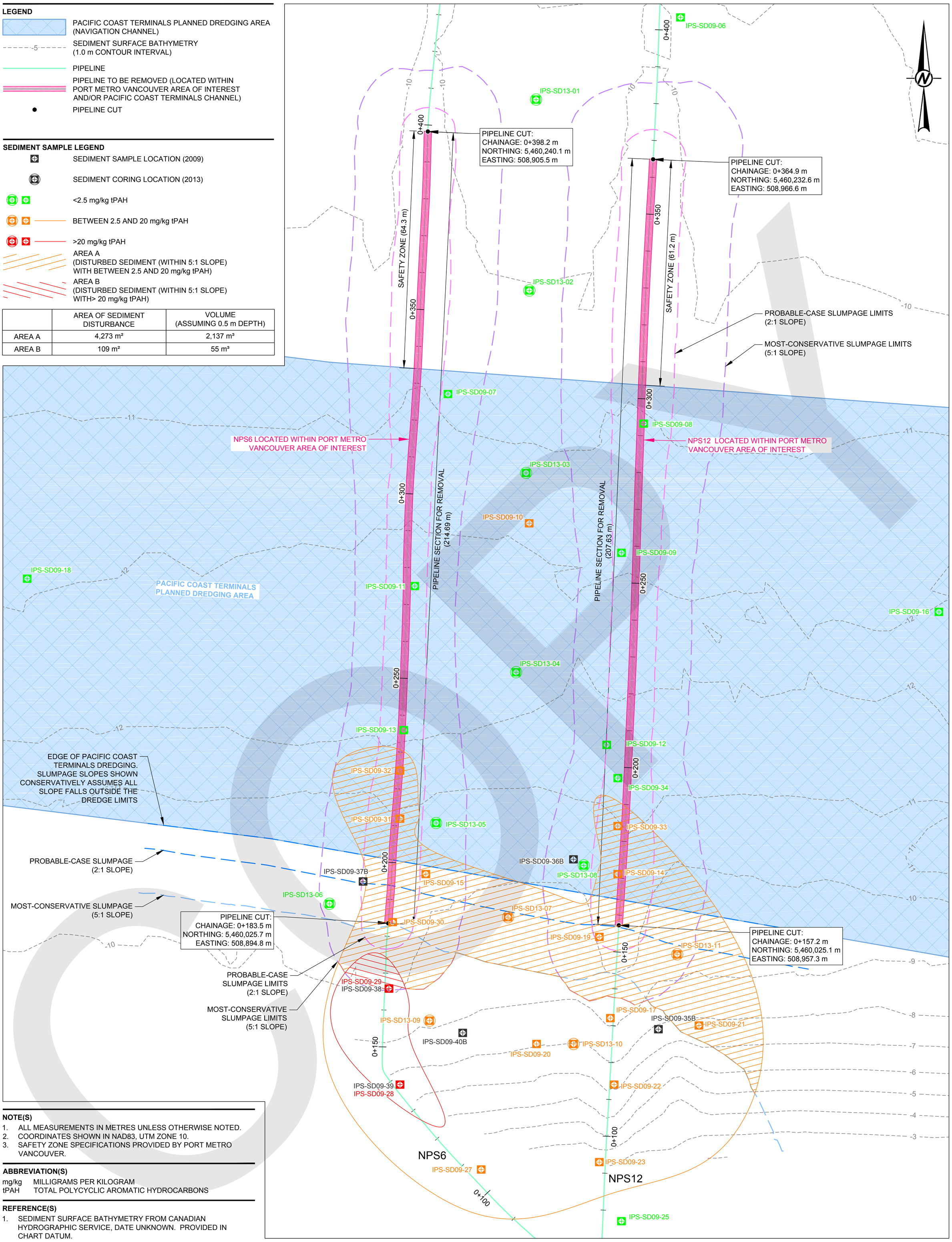
LEGEND

- PACIFIC COAST TERMINALS PLANNED DREDGING AREA (NAVIGATION CHANNEL)
- -5- SEDIMENT SURFACE BATHYMETRY (1.0 m CONTOUR INTERVAL)
- PIPELINE
- PIPELINE TO BE REMOVED (LOCATED WITHIN PORT METRO VANCOUVER AREA OF INTEREST AND/OR PACIFIC COAST TERMINALS CHANNEL)
- PIPELINE CUT

SEDIMENT SAMPLE LEGEND

- SEDIMENT SAMPLE LOCATION (2009)
- SEDIMENT CORING LOCATION (2013)
- <2.5 mg/kg tPAH
- BETWEEN 2.5 AND 20 mg/kg tPAH
- >20 mg/kg tPAH
- AREA A (DISTURBED SEDIMENT (WITHIN 5:1 SLOPE) WITH BETWEEN 2.5 AND 20 mg/kg tPAH)
- AREA B (DISTURBED SEDIMENT (WITHIN 5:1 SLOPE) WITH> 20 mg/kg tPAH)

	AREA OF SEDIMENT DISTURBANCE	VOLUME (ASSUMING 0.5 m DEPTH)
AREA A	4,273 m²	2,137 m³
AREA B	109 m²	55 m³



NOTE(S)

1. ALL MEASUREMENTS IN METRES UNLESS OTHERWISE NOTED.
2. COORDINATES SHOWN IN NAD83, UTM ZONE 10.
3. SAFETY ZONE SPECIFICATIONS PROVIDED BY PORT METRO VANCOUVER.

ABBREVIATION(S)

mg/kg MILLIGRAMS PER KILOGRAM
tPAH TOTAL POLYCYCLIC AROMATIC HYDROCARBONS

REFERENCE(S)

1. SEDIMENT SURFACE BATHYMETRY FROM CANADIAN HYDROGRAPHIC SERVICE, DATE UNKNOWN. PROVIDED IN CHART DATUM.

DRAFT

0 20 40
1:500 METRES

REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
B	2015-10-26	DRAFT FIGURES WITH CLIENT COMMENTS		KM		SSB
A	2015-10-15	DRAFT FIGURES		BGM		SSB

SEAL

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CLIENT
IMPERIAL OIL

CONSULTANT

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Vancouver, BC, V5M 0C4
Canada
[+1] (604) 296 4200
www.golder.com

PROJECT
BURRARD INLET PIPELINE REMOVAL

TITLE
EVALUATION OF PROJECT FOOTPRINT

PROJECT NO.	PHASE	REV.		FIGURE
13-1520-0502	6075	B	1 of 1	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D

0 25 mm

VANCOUVER FRASER PORT AUTHORITY

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REFERENCE DRAWINGS

1. Email: points2.shx. Received December 17, 2012; Envirochem Services Inc.
2. Email: Port Moody Channels.dwg. Received June 26, 2012; Port Metro Vancouver.
3. Drawing No. 5-B 08-205. Sheet 01. "Pacific Coast Terminal Dredging General Arrangement and Layout". January 1995. Delcan Engineers Planners.
4. Email: PortMoody.txt. Received May 23, 2012. Fraser River Pile & Dredge (GP) Inc.
5. 2004 Ortho Photograph from Metro Vancouver.

PACIFIC COAST TERMINALS
Port Moody, BC

DREDGE CHANNEL

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Canada V3C 6M2
office: 604-944-0502
facsimile: 604-944-0507
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DRAFT

IOCO SEDIMENT PLACEMENT AREA

DESIGN:	DRAWN:	CHECKED:	REVISION:	REVISION DATE:
	CEV	MAA	00	

SCALE: 0 50 100

DATE: March 09, 2016

DRAWING NUMBER: FIGURE _

DATE: 2016/03/09 - 3:32pm
PATH: I:\ENVFS-Kk\jobs\Environment Files\2015\Port Moody\1501-01 PCT Channel\Acad\ACD\Draft\Figure - sediment placement Draft mar 09 2016.dwg
LAYOUT: FIGURE