

# Project Authorization for RI/FS and DCAP for the Former PQ Facility

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Environmental Project Manager II



# Project Authorization RI/FS and DCAP for Former PQ Facility



*As referenced in Resolution No. 2021-08-PT, Exhibit A, Delegation of Authority Master Policy, Paragraph IV.B.(2), states project costs exceeding \$300,000 require approval from Port Commission.*

Request project authorization in the amount \$595,000, for a total authorized amount of \$1,482,000, for the RI/FS and DCAP for the Former PQ Facility, Master Identification No. 092839.

**RI/FS = Remedial Investigation/Feasibility Study**

**DCAP = Draft Cleanup Action Plan**

# Background

## RI/FS and DCAP for Former PQ Facility



- Port purchased property from PQ during 2008.
- PQ retained liability for all costs and expenses related to the release of Hazardous Substances caused by PQ.
- PQ's operations were later found to have caused releases of petroleum, metals, and alkaline materials.

RI/FS = Remedial Investigation/Feasibility Study

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# Background

## RI/FS and DCAP for Former PQ Facility



- PQ asserted that some releases of Hazardous Substances – but not all – resulted from their operations.
- Commission authorized a RI/FS/DCAP in July 2013.
- Commission authorized an Interim Cost-Sharing Agreement with PQ during March 2016 to move the site through the cleanup process cooperatively.

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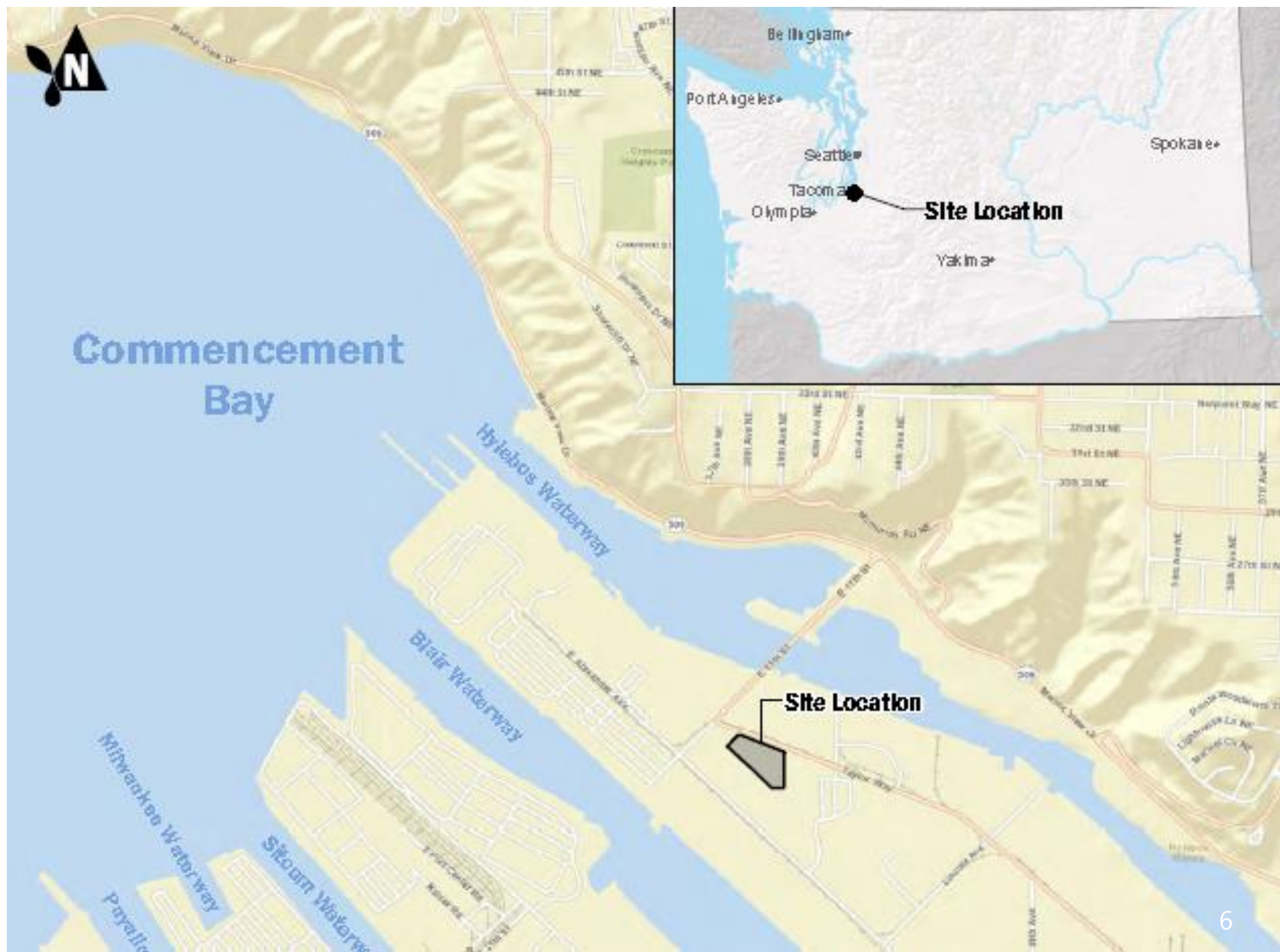
# Background RI/FS and DCAP for Former PQ Facility



- The draft RI/FS/DCAP was submitted to Ecology in July 2020, and Ecology responded with an opinion letter in November 2020.
- Ecology revised the opinion letter in October 2021 after receiving additional information from the Port in May 2021.
- This authorization request is for performing additional investigation outlined in a December 2021 Sampling and Analysis Plan and to revise and complete the RI/FS/DCAP.

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E 11th St.

Taylor Way

Lincoln Ave

Alexander Ave

65

114

102

116

6

117

95

111

110

113

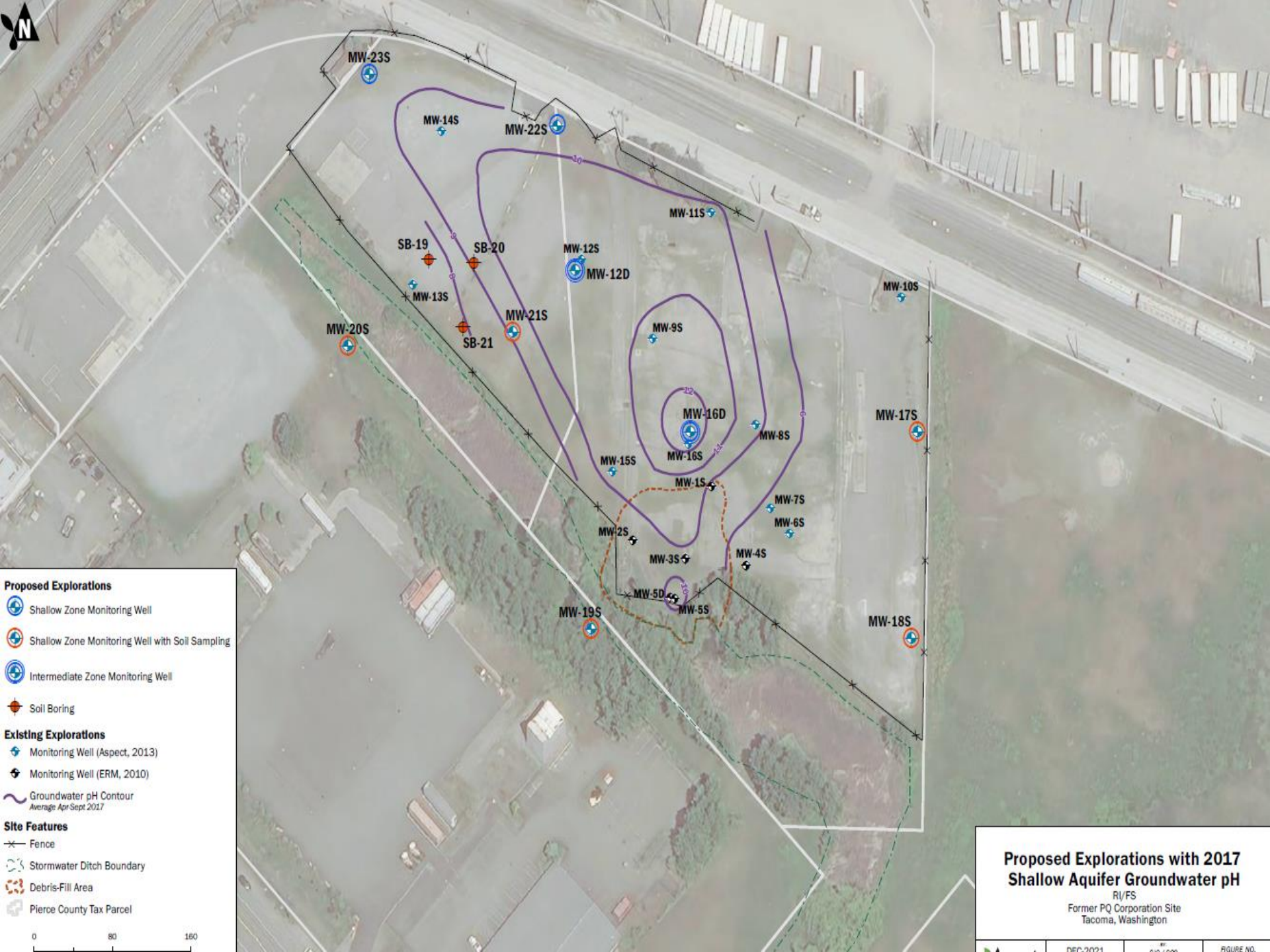
107

118











### Proposed Explorations

-  Shallow Zone Monitoring Well
-  Shallow Zone Monitoring Well with Soil Sampling
-  Intermediate Zone Monitoring Well
-  Soil Boring

### Existing Explorations

-  Monitoring Well (Aspect, 2013)
-  Monitoring Well (ERM, 2010)
-  Groundwater pH Contour  
Average Apr-Sept 2017

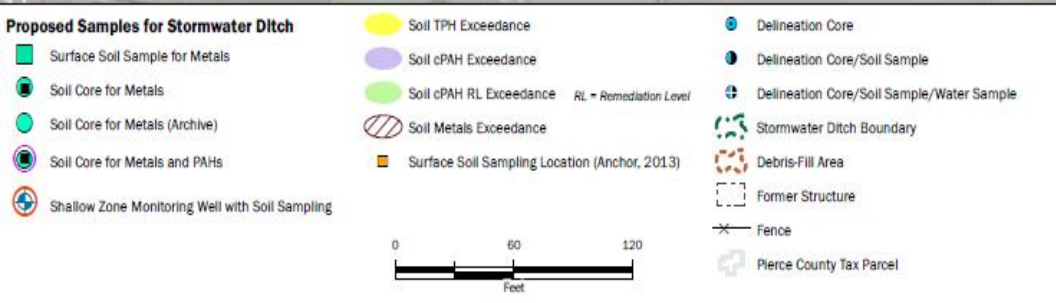
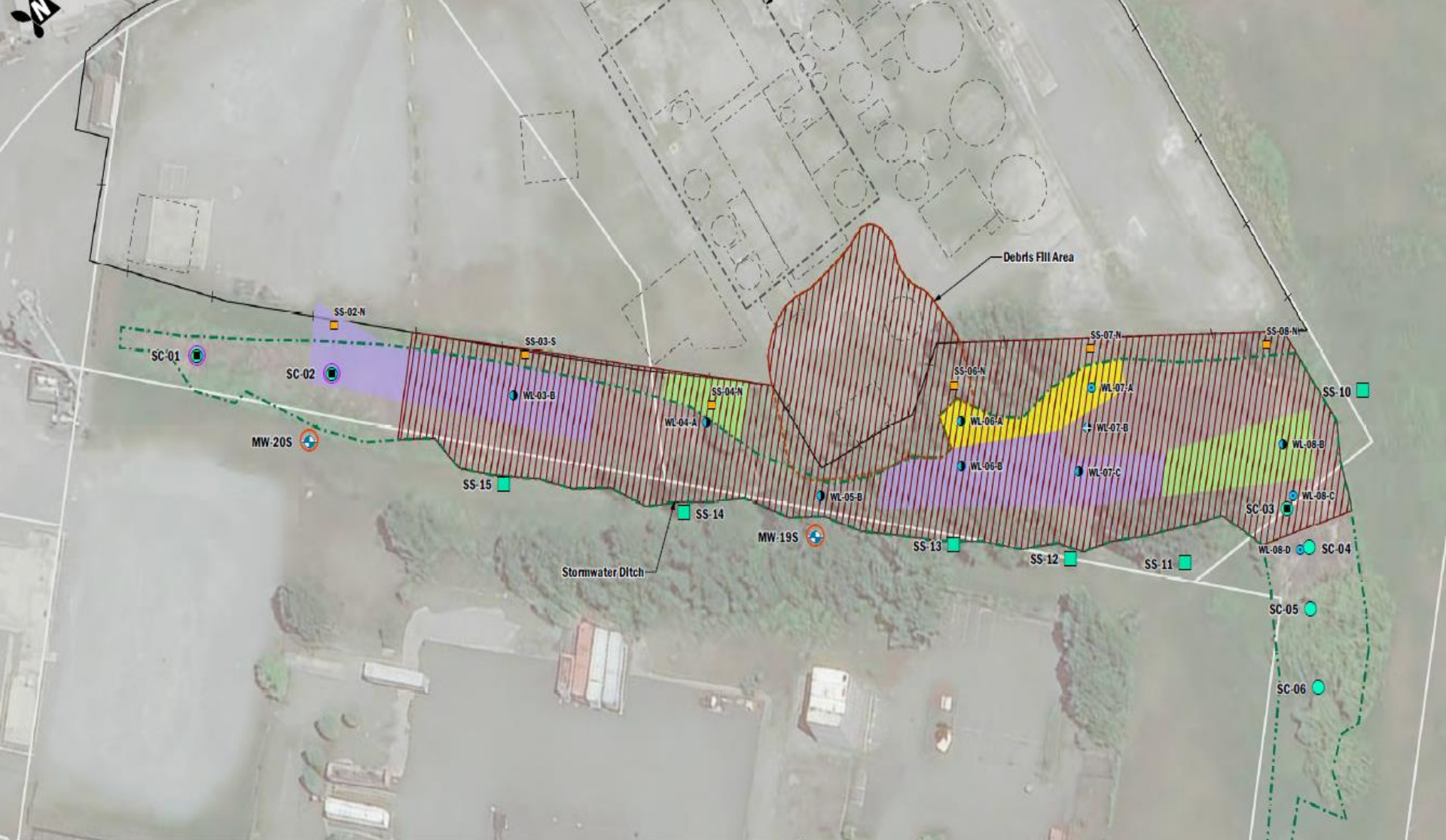
### Site Features

-  Fence
-  Stormwater Ditch Boundary
-  Debris-Fill Area
-  Pierce County Tax Parcel

### Proposed Explorations with 2017 Shallow Aquifer Groundwater pH

RI/FS  
Former PQ Corporation Site  
Tacoma, Washington





**Proposed Soil Sampling Locations  
for Stormwater Ditch Area**

RI/FS  
Former PQ Corporation Site  
Tacoma, Washington

	DEC-2021	BY SOM / HRL	FIGURE NO. <b>2</b>
	PROJECT NO. 120061	DESIGNED BY ACG / RAP / BCD	

# Project Description and Details

## RI/FS and DCAP for Former PQ Facility



- Ecology approved RI/FS/DCAP
- Remediation cost estimate
- PQ Reimbursements
- Project Coordination
- Ecology Oversight
- Legal Support

RI/FS = Remedial Investigation/Feasibility Study

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# Scope of work for this request RI/FS and DCAP for Former PQ Facility



- Staff, Legal and Ecology costs
- Consultant support
  - Drilling, installation, and development of seven additional shallow-zone monitoring wells and two intermediate-zone monitoring wells
  - Drilling and soil sampling of nine soil borings
  - Surface soil sampling at six locations
  - Quarterly sampling of 25 monitoring wells (two quarters)
  - Laboratory analyses
  - Revisions to the draft Ecology review RI/FS/DCAP
  - Project coordination and communication

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# Project Schedule

## RI/FS and DCAP for Former PQ Facility



Activity	Timeframe
Commission Authorization	Q1 2022
Field Investigation	Q2-Q3 2022
RI/FS/DCAP Revision	Q4 2022
Ecology Opinion Letter	Q1-Q2 2023

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# Source of Funds

## RI/FS and DCAP for Former PQ Facility



- The cost incurred to date and estimate to respond to an Ecology opinion letter and develop a cost estimate to complete the RI/FS/DCAP is \$888,389.
- The estimated budget for this additional effort is \$595,000.
- The current Capital Investment Plan (CIP) allocates \$595,000 for this project.
- PQ Reimbursements to date total \$531,616.

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# Financial Summary

## RI/FS and DCAP for Former PQ Facility



Item	This Request	Total Previous Requests	Total Request	Total Project Cost	Cost to Date	Remaining Cost
<b>TOTAL</b>	<b>\$595,000</b>	<b>\$887,000</b>	<b>\$1,482,000</b>	<b>\$1,482,000</b>	<b>\$888,389</b>	<b>\$593,611</b>

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# Conclusion

## RI/FS and DCAP for Former PQ Facility



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