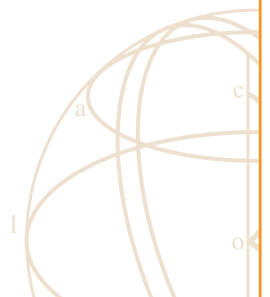


Attachment A
Figures



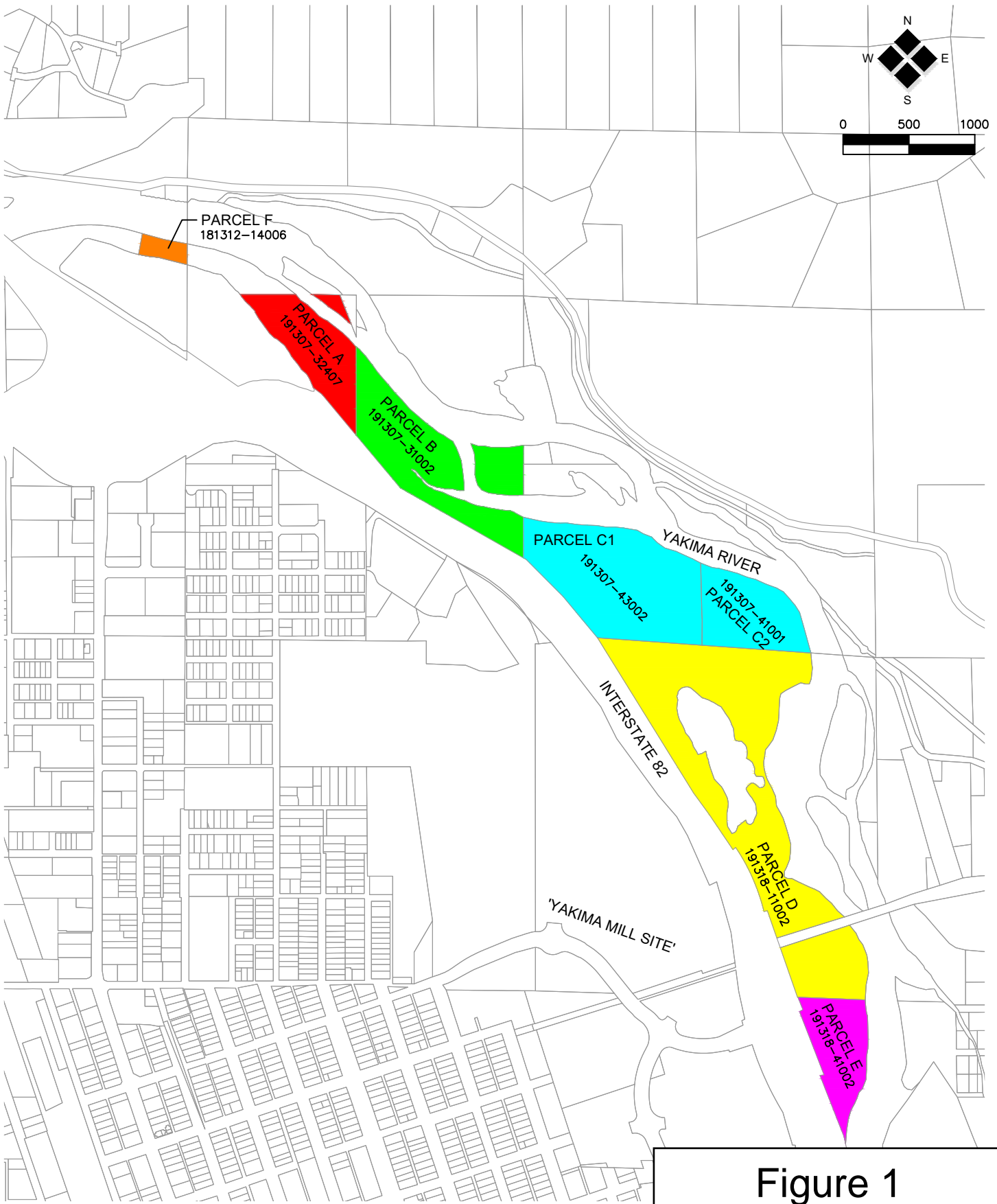


Figure 1



HLA

Engineering and Land Surveying, Inc.

2803 River Road
 Yakima, WA 98902
 509.966.7000
 Fax 509.965.3800
 www.hlacivil.com

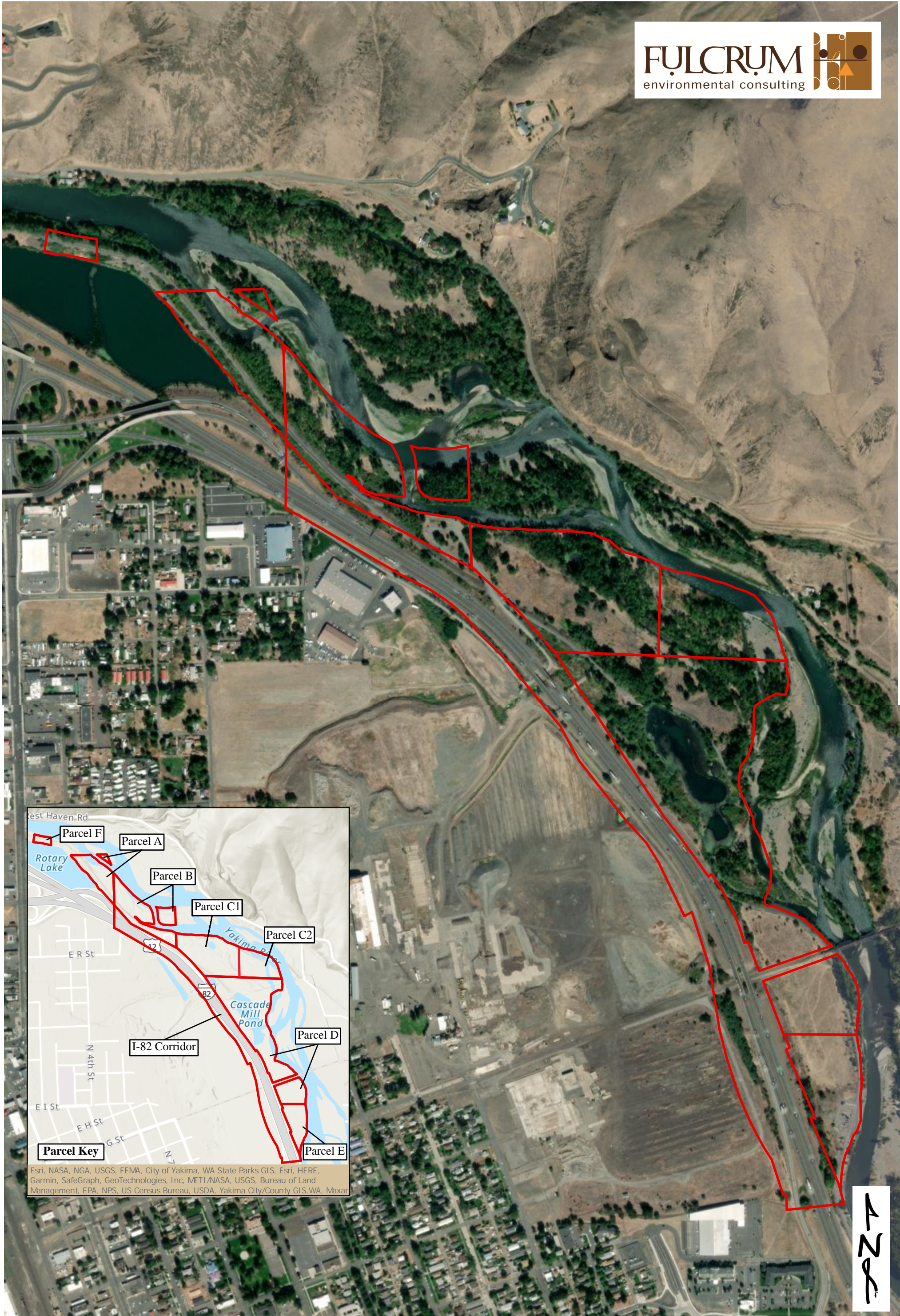
JOB NUMBER: 21246 | DATE: 3-22-23

FILE NAMES:
 DRAWING: 21246gwp.dwg

DESIGNED BY: TDF
 ENTERED BY: TDF

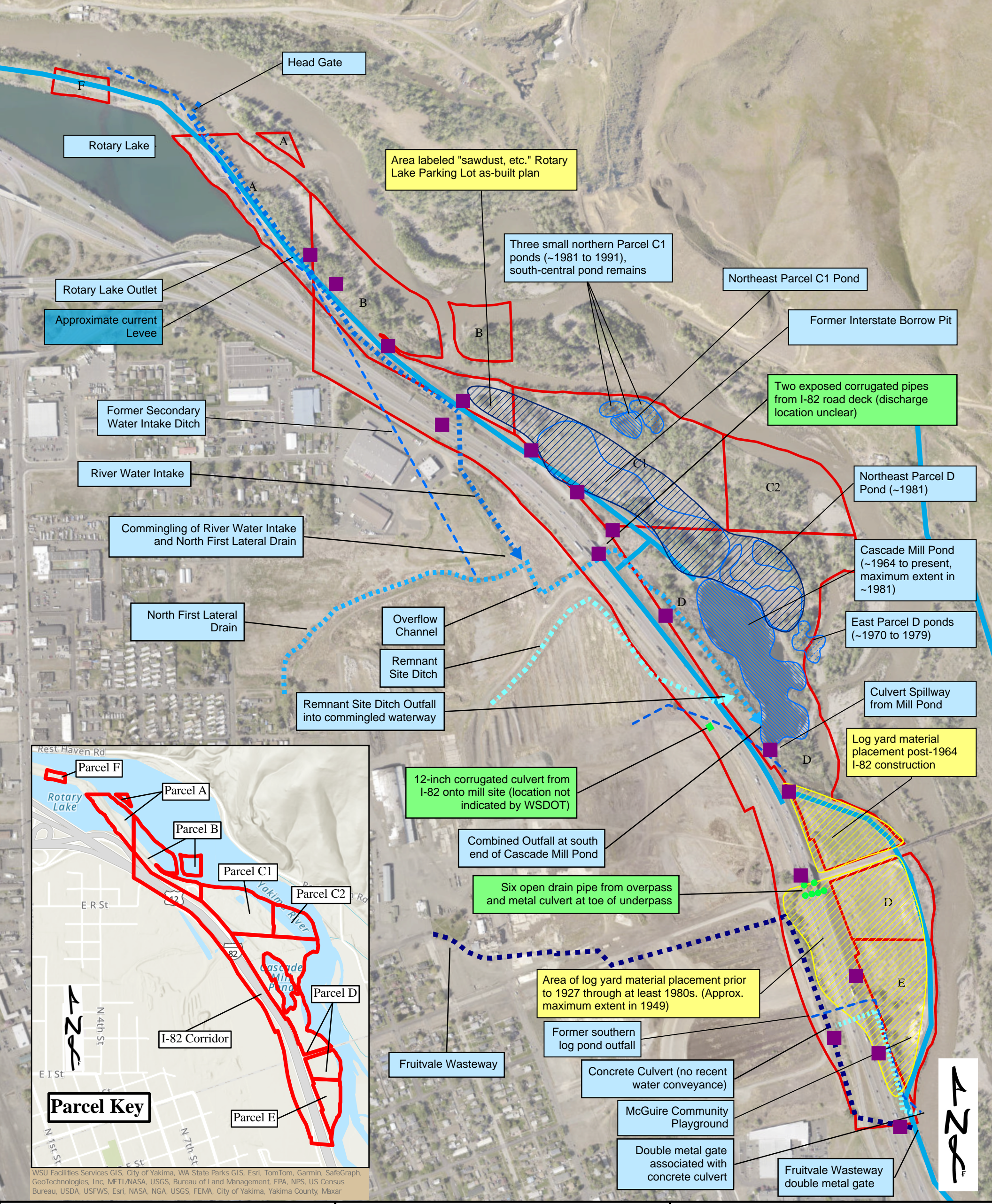
**FULCRUM ENVIRONMENTAL
 CONSULTING, INC.**

YAKIMA MILL SITE
 CITY OF YAKIMA, YAKIMA COUNTY, WASHINGTON



1-22-23

Legend
 ■ Approximate location of WSDOT stormwater discharge points (Phase I and II 2009 NPDES Municipal Stormwater Permit Areas (<https://gisdata-wsdot.opendata.arcgis.com>))



Current & Historic Levee Locations

Blue - Current Levee

Green - 1940s Levee location referenced from 5/31/1940 USACE Yakima River Works Map Sheets 3-6

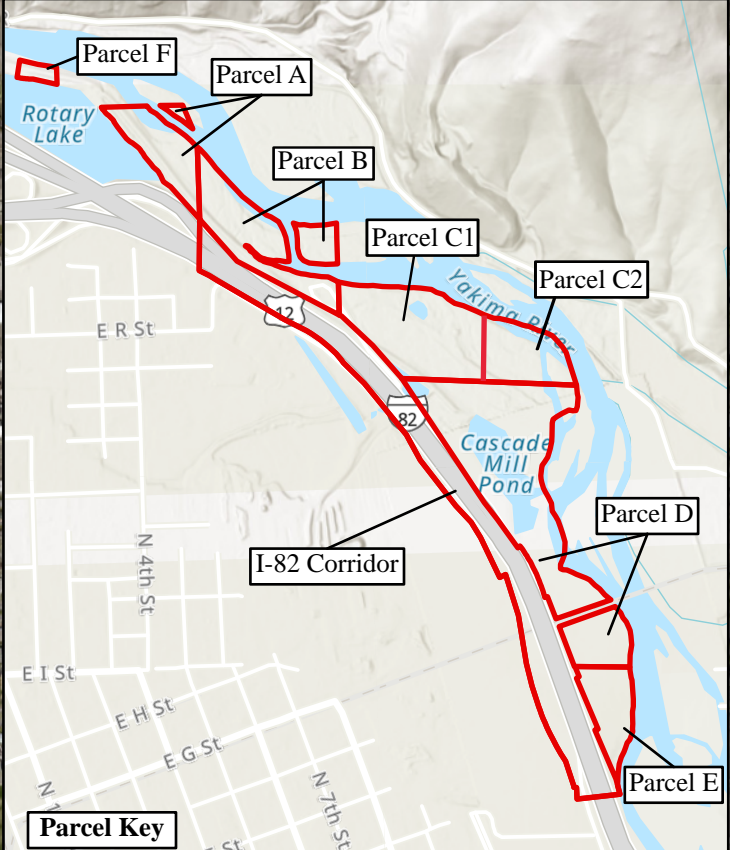
Yellow - 1954 Levee location referenced from Sep. 1954 USACE Flood Control Works Plan Sheet 1

Pink - 1966 Levee location (partial) referenced from Jan. 1966 USACE Levee Repair Job YR-2 Sheet 1

All maps utilized to reference levee locations provided by Yakima County

Legend

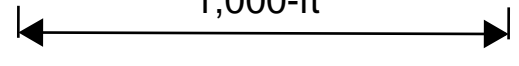
- Levee - 1940s
- Levee - 1954
- Levee - 1966
- Levee - Current



Esri, NASA, NGA, USGS, FEMA, City of Yakima, WA State Parks GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, City of Yakima, Maxar

See Attachment B for site photographs
Aerial photograph from August 2022, GoogleEarth

A
8
N
F





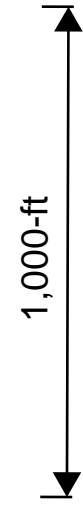
See Attachment B for site photographs
Aerial photograph from August 2022, GoogleEarth



Photograph Locations at the Boise
Cascade Mill Site (aka Yakima Mill
Site) and East of Interstate 82

Fulcrum Environmental Consulting, Inc.
406 N 2nd St, Yakima, WA 98901
509.574.0839 | www.efulcrum.net
YMS East of I-82 . 11.13.2023 . RKM

Figure 5A





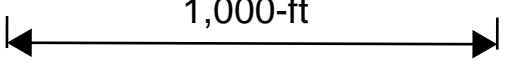
See Attachment B for site photographs
Aerial photograph from August 2022, GoogleEarth

1287

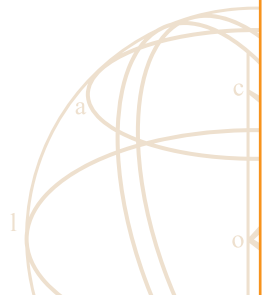
Fulcrum Environmental Consulting, Inc.
406 N 2nd St, Yakima, WA 98901
509.574.0839 | www.efulcrum.net
YMS East of I-82 . 11.13.2023 . RKM

Photograph Locations at the Boise
Cascade Mill Site (aka Yakima Mill
Site) and East of Interstate 82

Figure 5B
1,000-ft



Attachment B
Site Photographs





B1.1 Parcel F – The approximate west extent of the parcel.



B1.2 Parcel F – Rotary Lake.



B1.3 Offsite, immediately north of Parcel A, the former head gate for the River Water Intake.



B1.4 Rotary Lake and Yakima Greenway west of the head gate works.



B2.1 Parcel A – River water intake ditch between Yakima Greenway and the Lake.



B2.2 Parcel A – The Yakima River along Parcel A.



B2.3 Parcel A – The Yakima River and portion of island in the river.



B2.4 Parcel A – Bridge connecting Yakima Greenway to Rotary Lake.



B3.1 Parcel A – The spillway at the south extent of Rotary Lake.



B3.2 Parcel A – The ditch located south of Rotary Lake, west of the Greenway.



B3.3 Parcel A – Rotary Lake as viewed from the Yakima Greenway.



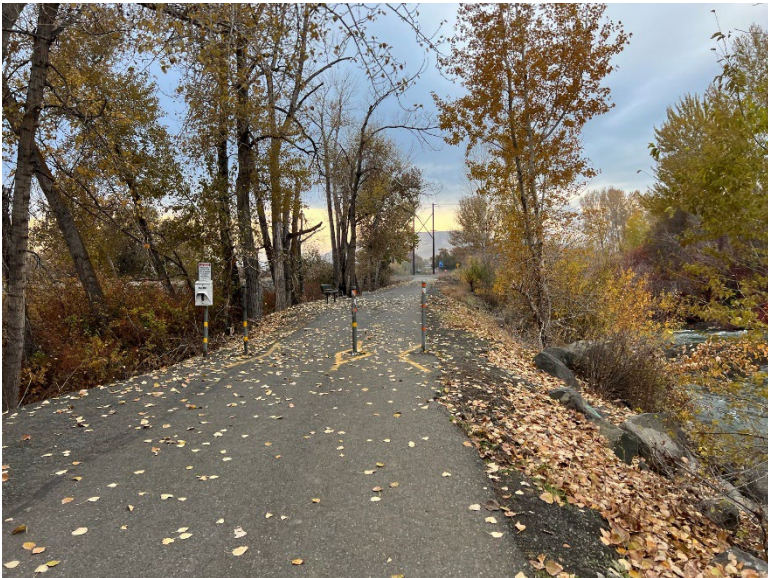
B3.4 Parcel A – Looking south from near the head gate at Parcel A.



B4.1 Parcel B – The Yakima Greenway Park and Ride parking lot.



B4.2 Parcel B – Log yard material was present in the center of the parking lot.



B4.3 Parcel B – The Yakima Greenway north of the parking lot.



B4.4 One of the series of concrete culvert below east bound I-82.



B5.1 Parcel B – Vegetated area between the Yakima Greenway and I-82.



B5.2 Parcel B – An open section of the former River Water Intake ditch.



B5.3 Parcel B – A portion of the bank along the south side of the Yakima River.



B5.4 Parcel B – Open areas appear to be frequently underwater.



B6.1 A large concrete bridge footing located in the Yakima River east of Parcel B.



B6.2 Parcel B – A small water channel crossing near the west center of the parcel.



B6.3 Parcel B – The island portion of Parcel B shown from the bank to the west.



B6.4 Parcel B – The island portion of Parcel B shown from near the parking lot.



B7.1 Parcel C2 – The river bank along the north side of Parcel C2.



B7.2 Parcel C2 – A perimeter gravel and rock trail is present on the parcel and connects to the improved Yakima Greenway.



B7.3 Parcel C2 – Islands are present in the Yakima River.



B7.4 Parcel C2 – An area of garbage associated with a campsite located on a river island.



B8.1 Parcel C1 – A pit toilet is located at the parking lot.



B8.2 Parcel C1 – The area east of the parking lot is the former interstate borrow pit footprint.



B8.3 Parcel C1 – Log yard material is present in the footprint of interstate borrow pit.



B8.4 Parcel C1 – Metal scrap debris was observed with the log yard materials.



B9.1 Parcel C1 – The Yakima Greenway on the parcel.



B9.2 Parcel C1 – Tire debris was observed mixed in the log yard materials.



B9.3 Parcel C1 – Log yard materials were present in the east portion of the parcel near the former interstate borrow pit.



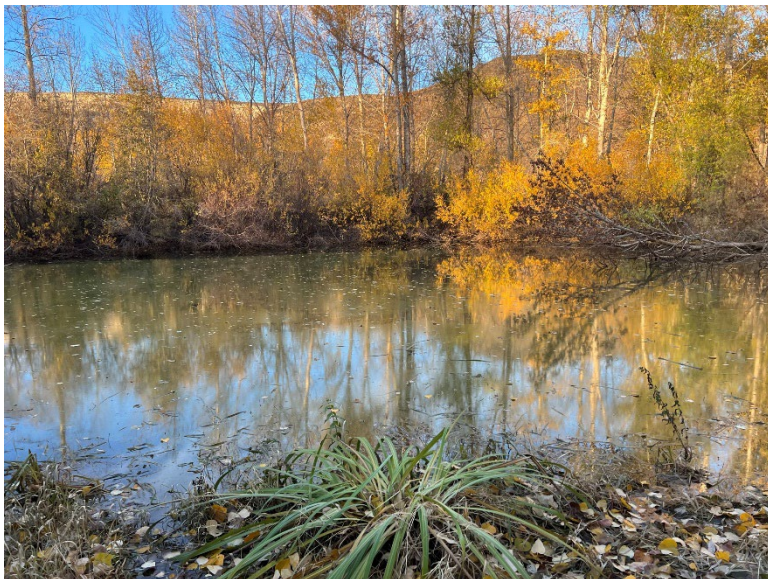
B9.4 Parcel C1 – Ground cover vegetation is present in areas without trees.



B10.1 Parcel C1 – Asphalt and concrete debris was observed in some locations.



B10.2 Parcel C – Looking north at the walking path from near the northeast Parcel C1 pond.



B10.3 Parcel C1 – The northeast Parcel C1 pond did not appear to have any connecting surface water.



B10.4 Parcel C1 – The general footprint of interstate borrow pit ew as viewed from the Yakima Greenway.



B11.1 Parcel D – Near the northeast extent of the parcel, an open area has log yard material at the surface.



B11.2 Parcel D – The log yard material consists of mixed wood, bark, and rocks.



B11.3 Parcel D - A localized area of painted brick was present on the parcel.



B11.4 Parcel D – The ground surface in the open areas is irregular.



B12.1 Parcel D – A belt scrap was observed in the log yard material.



B12.2 Parcel D – A black equipment hose was observed.



B12.3 Parcel D – A metal frame and fabric component discarded in the log yard material.



B12.4 Parcel D – A typical area of log yard material.



B13.1 Parcel D – Cascade Mill Pond as viewed from the northeast.



B13.2 Parcel D – The Yakima Greenway is located on the east and south sides of Cascade Mill Pond.



B13.3 Parcel D – The spillway culvert at the southwest corner of the Cascade Mill Pond.



B13.4 Parcel D – The spillway culvert on the south side of the Yakima Greenway.



B14.1 Parcel D – The WSDOT right-of-way along the west side of the parcel.



B14.2 Parcel D – The combined outfall enters near the southwest corner of Cascade Mill Pond.



B14.3 Concrete debris from interstate construction is present offsite within the WSDOT right-of-way.



B14.4 Parcel D – Vegetation consists of open areas, thick blackberries and established trees.



B15.1 – The Remnant Site Ditch where it enters to culvert on the Yakima Mill Site.



B15.2 Parcel D – The culvert carrying the Remnant Site Ditch where it emerges from beneath I-82.



B15.3 Parcel D – The combined ditch is heavily vegetated.



B15.4 Parcel D – The water was observed with low flow during this season.



B16.1 Parcel D – The Cascade Mill Pond viewed to the south.



B16.2 Parcel D – Water overflow from Cascade Mill Pond (April 2017).



B16.3 Parcel D – Water overflow from Cascade Mill Pond (April 2017).



B16.4 Parcel D – The Yakima Greenway is located along the interstate fence south of the Cascade Mill Pond.



B17.1 Parcel D – The Yakima Greenway south of the railroad trestle.



B17.2 Parcel D – An area of crushed concrete was placed during improvements to the playground.



B17.3 Parcel D – The railroad trestle with the Yakima Greenway passing below.



B17.4 Parcel D – The railroad tracks looking east at the bridge over the Yakima River.



B18.1 Parcel E – The Yakima Greenway looking north towards the railroad tracks and trestle.



B18.2 Parcel E – Log yard materials are present at the ground surface with the playground beyond.



B18.3 Parcel E – An open excavated area of log yard material with an orange warning fence.



B18.4 Parcel E – The log yard material consists of mixed soil, wood debris, and rock.



B19.1 Parcel D – The railroad bridge over the Yakima River.



B19.2 Parcel E – The Sunrise Rotary Park McGuire Community Playground is located at the south end of Parcel E.



B19.3 Parcel D – The area south of the railroad tracks has ground cover vegetation. An area of mixed rock is visible in the photo.



B19.4 Parcel D – A view across the south portion of Parcel D at the railroad underpass.



B20.1 – The Fruitvale Wasteway conveyance observed in April 2017.



B20.2 – The section of the Fruitvale Wasteway on the westside of the I-82 corridor (April 2017).



B20.3– The Fruitvale Wasteway is conveyed in piping along the south half of the Landfill Parcel.



B20.3 Parcel E – The outfall of the Fruitvale Wasteway into the Yakima River (April 2017).



B21.1 Parcel E – Two overpasses cross above the railroad tracks and have visible downspouts extending from the road deck.



B21.2 Parcel E – A connective elbow is missing on the downspouts. Water discharges to the ground surface.



B21.3 Parcel E – One metal culvert was observed below the overpass above the railroad tracks.



B21.4 – The overpass above the railroad tracks between the mill site and Parcel D (looking west towards the mill site).



B22.1 Parcel E – The concrete culvert passing below I-82 from the mill site to Parcel E.



B22.2 Parcel E – A ditch along the east side of the I-82 corridor extends from the concrete culvert south.



B22.3 Parcel E – Two 36-inch culverts through the levee beneath the Greenway.



B22.4 – The two iron gates at the end of the culverts in a concrete foundation at the river bank.



B23.1 – The north overpass is present above the access to Rotary Lake Park and Ride.



B23.2 – One of the metal culverts present beneath the overpass.



B23.3 – Pipes were observed extending from the bottom of the north overpass.



B23.4 – The comingled River Water Intake and North First Lateral Drain passes below I-82 at the north overpass.



B24.1 Parcel E – Equipment tracks crossing the parcel near roadway test pit locations.



B24.2 Parcel E – Metal debris, including a crushed drum, was observed in the excavated area of log yard material.



B24.3 Parcel E – An apparent test pit associated with roadway investigation.



B24.4 Parcel E – Log yard material is present near the playground.



B25.1 Parcel D – Log yard material located along the WSDOT fence for I-82.



B25.2 Parcel D – Log yard materials are present at the ground surface and the elevation changes about 6-feet to the fence.



B25.3 Parcel D – Looking from the Greenway southwest across the undulating ground topography.



B25.4 Parcel D – Looking north along the east side of I-82 across the parcel north of the railroad tracks.



B26.1 Parcel E – A flush mount well monument located in the approximate future East-West Corridor roadway path.



B26.2 Parcel E – The well monument appears to have been pulled from the ground.



B26.3 – A 12-inch culvert in the slope of I-82 near MW-05 on the mill site.



B26.4 – Electrical service near the culvert and MW-05 on the mill site.