Request for Tender

Ootischenia Landfill Transfer Station Upgrades
PRJ26002

ADDENDUM NO. 1

Issued: November 17, 2026

EXTENDED Closing Date: 2:00 pm Local Time, December 17, 2026

This Addendum shall be read in conjunction with and considered as an integral part of the Contract Documents; revisions supersede the information contained in the original specifications or previously issued Addendum. Price submitted shall include all items of this Addendum.

By this **Addendum No. 1**, dated November 17, 2026, the Request for Tender documents for PRJ26002: Ootischenia Landfill Transfer Station Upgrades shall be amended as specified below.

AMENDMENTS & CLARIFICATIONS:

Please be advised of the following Amendments and Clarifications:

1. AMENDMENTS

a. **Tender Closing Date:** The Tender Closing Date has been revised to December 17, 2026.

b. **Instructions to Tenderers Part II, Section 15.0 – Award:**

Add the following clause:

15.5 Adjustment When All Tenders Over Budget

Subject to any express provision of these Instructions to Tenderers, if the Tender Prices for all Tenders exceed the amount that Owner has budgeted for the Work, then the Owner may, at its election and in its sole and absolute discretion:

1) seek approval for an increase in the budget; or
2) terminate the process under this Tender, and enter into negotiations with the Tenderer that, but for its over-budget Tender Price, would have been recommended as the

successful Tenderer under these Instructions to Tenderers, for the purpose of identifying scope or other amendments to the Contract to achieve the budget.

c. **SOQ Item 2.04:** Under Description, replace “Granular Fill” with “Common Fill”.

d. **SOQ Item 4.06:**
Under Quantity, replace “1” with “45”.
Under Units, replace “LS” with “each”.

e. **SOQ Item 8.01:** Under Quantity, replace “350” with “65”.

f. **SOQ Item 9.06:** Under Description, add “and On-Site Water Line”.

2. CLARIFICATIONS

a. **SOQ Item 2.01:** All clearing/grubbing materials to be stockpiled separately from stripping debris, on site in approved areas.

b. **SOQ Item 4.04:** RDCK’s current scale software system is ‘STRONG DATA AUTOMATION’.

c. **DWG 26058-200:** Only one (1) pre-fabricated steel staircase is required and is to be installed east of the Transfer Station Z-Wall. No staircase to be installed southwest of the U-Bay area.

d. **Outstanding Questions:** Previously submitted questions that have not been addressed herein have been noted and will be clarified in a future addendum. These topics include signage requirements, installation details, stockpile and laydown areas, existing site infrastructure, and integration of new infrastructure.

QUESTIONS & ANSWERS:

Please be advised of the following Questions and Answers:

Q1. [What are the] material specifications for the following?

a) High strength Geotextile (which specific thickness is required)

b) Tensar Uniaxial Geogrid – which specific grade?

A1. Responses:

a) High-strength woven geotextile shall meet or exceed the following specifications:

High Strength Woven Geotextile

Property	Required Value	Test Method
Grab Tensile Strength	1,000 N	ASTM D4632
Grab Tensile Elongation	12%	ASTM D4632
Puncture	450 N	ASTM D4833
Trapezoid Tear Strength	400 N	ASTM D4533
Apparent Opening Size	425 μm	ASTM D4751

b) Uniaxial geogrid for use in the lock block wall system shall be Tensar UX 1500 MSE Geogrid or approved equivalent.

Q2. What kind of no post barriers are required? On the previous project they were CDB which has the drainage slot in them, so we just want to confirm if those are them again or just the standard 690mm tall CRB/810mm tall CMB.

A2. The standard 690mm tall CRB no-post barriers are acceptable. RDCK and the Contract Administrator will work with the successful proponent to confirm practicality and ensure cost controls.

Q3. Is a building permit required?

A3. A building permit is not required for the transfer station construction. Any renovations to the attendant shack may require a building permit and the RDCK will apply for and pay for the permit, if necessary.

Q4. [Item] 2.04 – please provide specification on granular fill.

A4. See Amendment 1c.

Q5. Please confirm need for Acid Base Accounting test for every 1000m3 of supplied 25-75mm crush and 19mm crush

A5. Acid Base Accounting testing shall be completed in accordance with the Supplementary Technical Specifications.

Q6. Please confirm location of septage tanks and field - Electrical site plan and septic plan show different locations

A6. All septage infrastructure shall be constructed in accordance with the 600 Series Septage Drawings by KSP Inc.

Q7. [Item] 8.01- please confirm 350 LM (lineal meters?) of 4" C Sewer line – dependant on septic field location and tie -ins

A7. See Amendment 1e.

Q8. For the standpipes, the drawings show one standpipe on the east side of the z block wall, is the other on the west side of the wall?

A8. Correct. One standpipe to be installed at the east end of the z-wall, and one standpipe to be installed at the west end as per the Drawings.

Q9. For the perforated pipe behind the wall it says schedule 80 pvc. Schedule 80 pvc isnt something that is normally made from the manufacturers so this would likely have to be perforated on site. Would perforated sdr35 pvc be sufficient?

A9. SCH80 PVC pipe shall be installed for the Z-wall drain pipe.

Q10. Which model of Jobjon is required?
What is the specification for the site washroom in Item 9.06?

A10. The 100 Series Single Skid JobJon is required.

Q11. Do stumps and roots have to be chipped, or can they be stockpiled as is?

A11. Stumps and roots do not require chipping prior to stockpiling, but should be stockpiled directly adjacent organic debris.

Q12. Please confirm the 200 mm strip depth. How is stripping deeper than 200 mm paid?

A12. The stripping depth is not anticipated to exceed 200 mm. However, if the Contractor determines that a stripping depth greater than 200 mm is necessary in specific locations, the Contract Administrator shall be contacted for discussion and approval before proceeding.

Q13. Can stripped topsoil from Item 2.01 be reused as is for Item 2.06, or does it need to be screened?

A13. Stripped topsoil from Item 2.01 may be reused for Item 2.06, given it is screened to 3" minus.

Q14. Is a geotechnical report available for the site?

A14. A geotechnical assessment was completed by Tetra Tech in 2020. The reference document is provided herein as Attachment 1.

Q15. The engineer has said alternative proposals are acceptable for road structure granular. What are the minimum gradation and compaction requirements?

A15. Compaction requirements for all granular products are 95% Standard Proctor, unless specified otherwise. Alternative granular road base materials will be provided in Addendum 2 with gradation information.

Q16. Please confirm Item 2.03 is paid on gross cut volume, with native material placed in fill areas not deducted.

A16. Correct, the quantity under Item 2.03 is based on gross cut volume.

Q17. Are flat-top blocks required on the top course of the Z-wall, U-bays and scale ramps? If so, are they included in the quantities?

A17. Flat-top lock blocks are not required for any of the above infrastructure.

Q18. The scale design is to be redone after an on-site geotechnical assessment. Can the engineer set a provisional sum for the scale and foundation so all bids are evaluated on the same basis?

A18. The scale and foundation installation will remain part of the Base Scope.

Q19. Please provide a detail for the two clean water standpipes in Item 9.04.

A19. See Drawing 26058-301.

Q20. Vehicle scale deck dimensions

Reference: SOQ Item 4.03 (RFT PDF p. 18); Section 01 20 00 Item 4.03 (p. 64); Section 33 81 28, 2.01(A) (p. 170); Drawing 26058-400 (drawing PDF p. 14) The project drawings and Section 33 81 28 show a new 80 ft x 10 ft inbound scale, whereas SOQ 4.03 is titled 80 ft x 11 ft and its included-work text describes 40 ft x 10 ft.

Please confirm that 80 ft x 10 ft is the required scale deck size for pricing and construction.

A20. The scale deck shall be 80 ft x 11 ft.

Q21. Roll-off bin supply responsibility

Reference: Drawings 26058-200 and 26058-202 (drawing PDF pp. 6 and 8); Drawing 26058-403 (p. 17); SOQ (RFT PDF p. 18) Drawings 26058-200/202 identify contractor-supplied roll-off bins, while Drawing 26058-403 identifies RDCK-supplied bins; the SOQ has no separate bin-supply item.

Please confirm which, if any, roll-off bins must be supplied under this construction contract and identify their required capacities and bay locations.

A21. All bins for the Transfer Station Z-Wall will be Owner-supplied.

Q22. Scale ramp lock-block pay item

Reference: SOQ Items 4.05 and 4.06 (RFT PDF p. 18); Section 01 20 00 Items 4.05 and 4.06 (p. 65) Item 4.05 includes Type 1 lock blocks in the ramp work, while Item 4.06 also describes those blocks separately. Item 4.06 is shown in the SOQ as one lump sum, but Section 01 20 00 states measurement and payment per block.

Please clarify how the ramp-side blocks are to be allocated between Items 4.05 and 4.06 without double counting, and confirm the pay unit for Item 4.06.

A22. Lock blocks for the asphalt access ramps shall be supplied and installed under Item 4.06, and not Item 4.05. Item 4.06 shall be paid on a 'per each' basis. See Amendment 1d.

Q23. North entrance gate controls

Reference: SOQ Item 7.03 (RFT PDF p. 18); Section 01 20 00 Item 7.03 (p. 72); Drawing 26058-E-01, Note 10 (drawing PDF p. 21) Drawing 26058-E-01, Note 10, anticipates a powered gate with remote control wiring but leaves the controller selection to be determined.

For the access gates under Item 7.03, please identify the required remote-control stations or operating locations and any interface with existing site access controls, or confirm that a contractor-selected controller meeting the drawn requirements is acceptable.

A23. Owner and Engineer are working to provide this information, to be included in Addendum 2.

Q24. Paved scale approach ramps, drawing #400 shows paved width as 3.96m. Drawing #401 shows a width of 5.18m. What is the width required?

Concrete scale approach slab, drawing #400 shows width of 3.96m. Drawing #401 show max width of 5.18 narrowing down to 3.96m. Which is the correct configuration.

A24. The level concrete approaches shall be installed per DWG 26058-401.

Q25. Scale deck concrete structure, drawing #401 shows the two end strip footings as 1.41m wide, the two mid structure strip footing are listed as 1.52m wide. Drawing #404 shows all footing strips are 1.52m wide. Which drawing is correct?

A25. The scale reinforced concrete footing and slab shall be installed per DWG26058-404.

Q26. Schedule of quantities "earth works" item 2.04. Supply, place and compact granular fill to reach subgrade contours, 24,340m3. Is this the correct quantity?

A26. The quantity is correct. See Amendment 1c.

Q27. Can you provide the bidders sign-in sheet?

A27. See below.

Q28. 2.04 – supply and install and compact granular fill - 24,340 m3. The measurement and payment section this number is to account for the shortfall of materials in waste and the septage facility. Is the quantity correct?

A28. All earthworks and 'material balance' will be updated and clarified in Addendum 2.

Q29. Is existing asphalt at scale and scale house area to be removed? If so, is dumping at landfill acceptable?

A29. Existing asphalt at the scale and scale house are to be removed. Disposal at the landfill, as directed by the Owner / Contractor Administrator, is acceptable.

Q30. 5.01 – Confirm 25kg rip rap – drawings call for 50 kg rip rap

A30. Rip rap shall be 25kg.

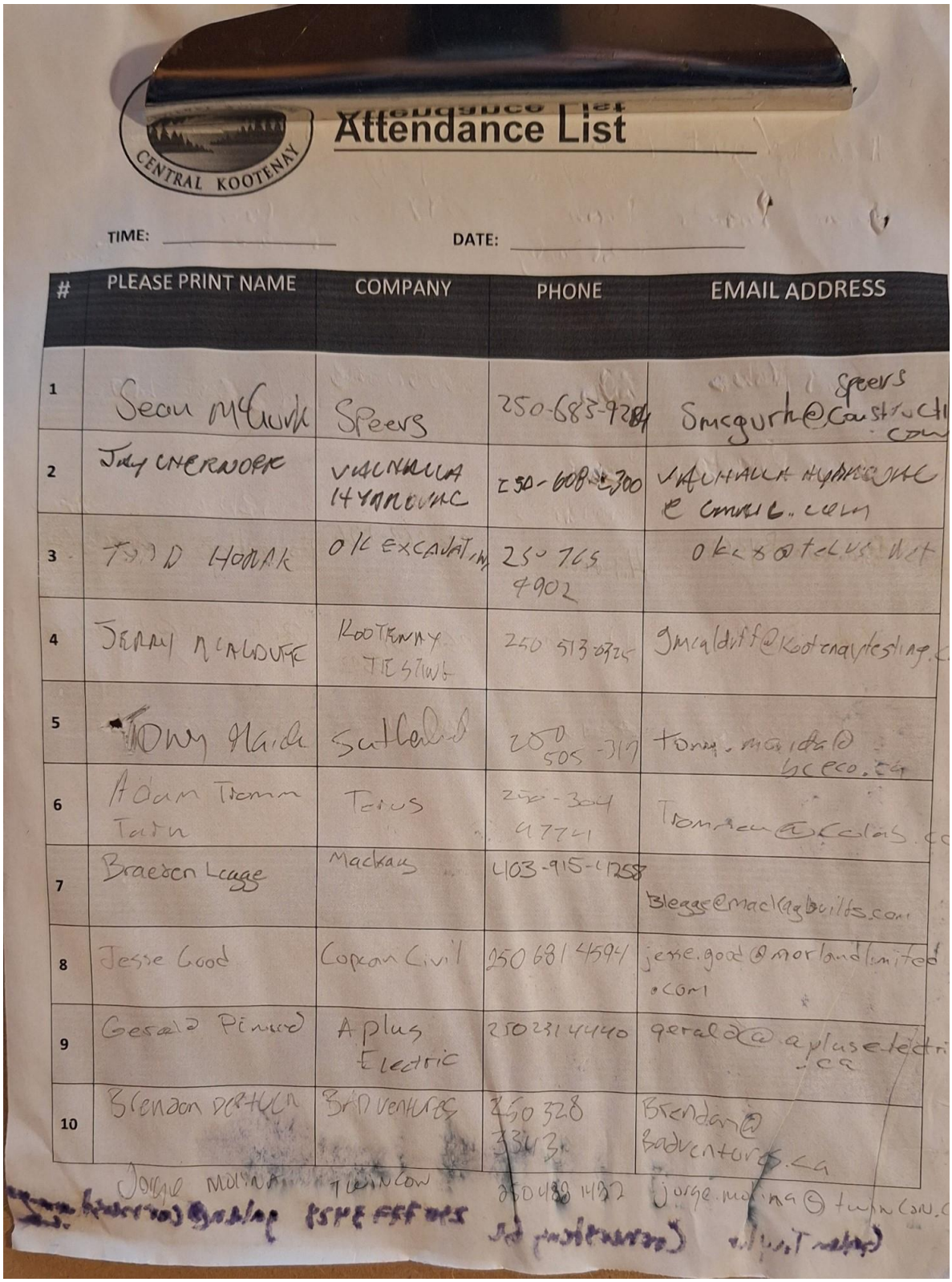
Except as modified by Addendum No. 1 issued November 17, 2026, the Request for Tender documents for PRJ#26002 shall remain unchanged.

AJ Evenson
Senior Project Manager

Attachment 1: Pre-bid site meeting Attendance List
Attachment 2: 2020 Geotechnical Assessment – Tetra Tech

- END OF DOCUMENT -

ATTACHMENT 1: PRE-BID SITE MEETING ATTENDANCE LIST

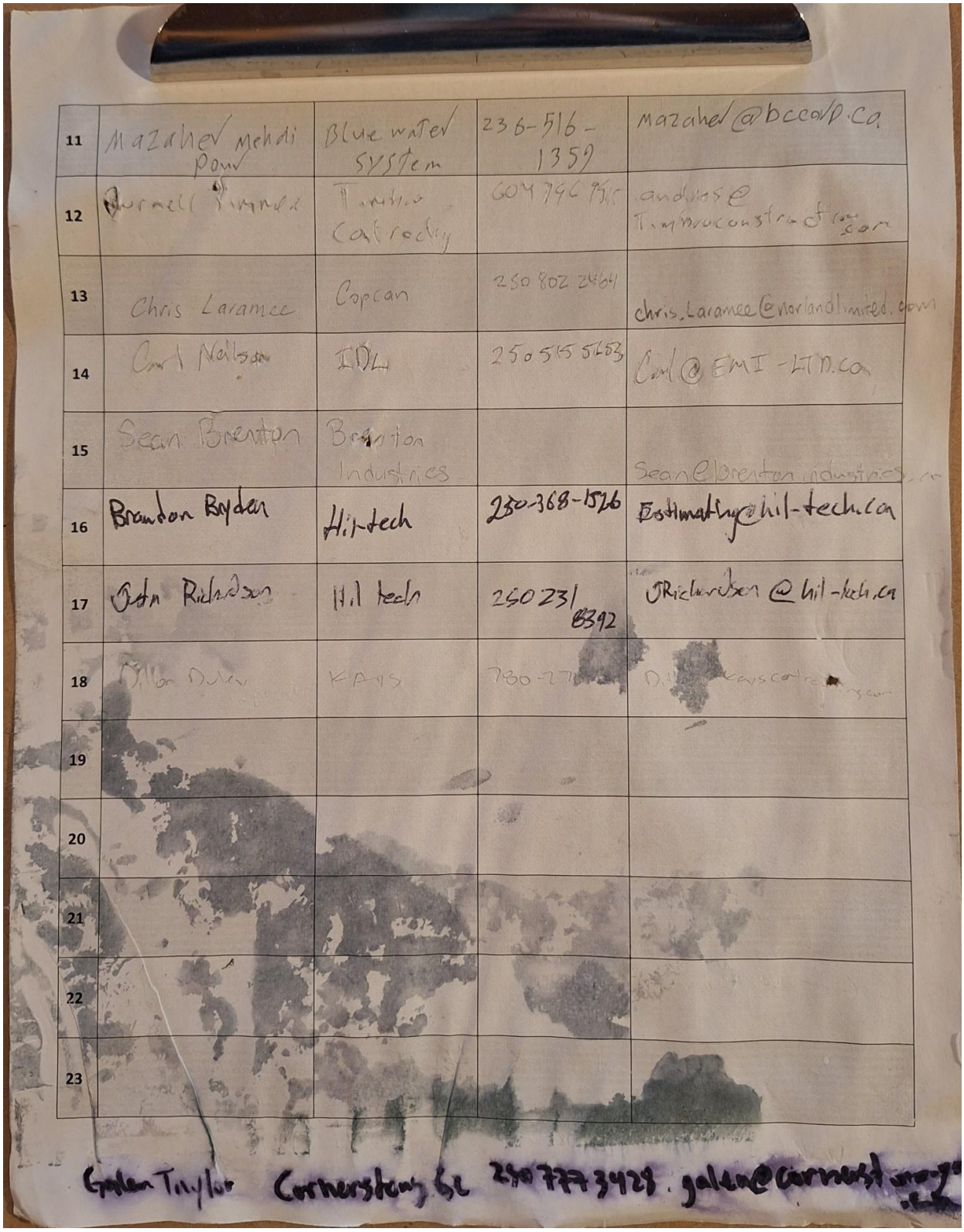


CENTRAL KOOTENAY

Attendance List

TIME: _____ DATE: _____

#	PLEASE PRINT NAME	COMPANY	PHONE	EMAIL ADDRESS
1	Sean McGurk	Speers	250-683-9284	Smcgurk@constructi.com Speers
2	Jay Chernoff	Valhalla Hydrovac	250-608-2300	Valhalla Hydrovac@gmail.com
3	Todd Horak	OK Excavating	250 765 4902	okex@telus.net
4	Jerry McAlduff	Kootenay Testing	250 513-0325	jmcalduff@kootenaytesting.c
5	Tony Maida	Sutherland	250 505-317	tony.maida@bceco.ca
6	Adam Tromm Tarn	Terus	250-304 4774	Trommen@colab.co
7	Braeden Legge	Mackay	403-915-4258	Blegge@mackaybuilds.com
8	Jesse Good	Copcan Civil	250 681 4594	jesse.good@morlandlimited.com
9	Gerald Pinard	A plus Electric	250 231 4440	gerald@apluselectric.ca
10	Brendan Deptuch	Badventures	250 328 3343	Brendan@Badventures.ca
	Jorge Molina	Twin Con	250 488 1422	jorge.molina@twincon.c



11	Mazaher Mehdi Pour	Blue water system	236-516-1359	mazaher@bccorp.ca
12	Burnell Timmex	Timbro Contracting	604 796 9515	andries@Timbroconstruction.com
13	Chris Laramee	Copcan	250 802 2464	chris.Laramee@norlandlimited.com
14	Carl Nelson	IDL	250 515 5653	Carl@EMI-LTD.ca
15	Sean Brenton	Brenton Industries		Sean@brentonindustries.ca
16	Brandon Bryden	Hil-tech	250-368-1526	Estimating@hil-tech.ca
17	Justin Richardson	Hil tech	250 231 8392	JRichardson@hil-tech.ca
18	Dillon Duley	KAYS	780-27[illegible]	Dillon@kayscontracting.com
19				
20				
21				
22				
23				

Galen Taylor Cornerstone GC 250 777 3428 galen@cornerstone-[illegible]

ATTACHMENT 2: 2020 GEOTECHNICAL ASSESSMENT – TETRA TECH

TETRA TECH

TECHNICAL MEMO

ISSUED FOR REVIEW

To:	Alayne Hamilton	**Date:**	August 11, 2020
c:		**Memo No.:**	
From:	Mohamed Shaath, Jeremy Reid	**File:**	704-SWM.SWOP04285-01
Subject:	Ootischenia Landfill Geotechnical Assessment Report for RDCK BC Organics Diversion Projects		

This 'Issued for Review' document is provided solely for the purpose of client review and presents our interim findings and recommendations to date. Our usable findings and recommendations are provided only through an 'Issued for Use' document, which will be issued subsequent to this review. Final design should not be undertaken based on the interim recommendations made herein. Once our report is issued for use, the 'Issued for Review' document should be either returned to Tetra Tech Canada Inc. (Tetra Tech) or destroyed.

1.0 INTRODUCTION

Tetra Tech Canada Inc. (Tetra Tech) was retained by the Regional District of Central Kootenay (RDCK), to undertake a geotechnical assessment on the Ootischenia Landfill (Ootischenia), where construction on undeveloped areas will occur.

The evaluations comprised the following components:

- Locating existing buried facilities within the vicinity of the proposed boreholes prior to drilling. This was achieved through RDCK site knowledge, BC One-Call, and sweeps by private line locator;
- Intrusive investigation, including digging testpits to retrieve samples, generate borehole/testpit logs, and in situ soil testing; and
- Submitting the collected samples to in-house laboratory testing to determine relevant soil properties.

The geotechnical investigations were led by Hilary Wong out of Tetra Tech's Calgary office.

The private line locates were conducted by Okanagan Utility Locators on July 6, 2020.

This technical memo summarizes the results of our geotechnical exploration, outlines the underlying geology, and provides recommendations for the proposed development.

1.1 Purpose of Investigation

The intent of the geotechnical investigations was to gather information about the existing site to inform the design and identify any critical areas that could negatively affect the construction or long-term performance of the compost facilities. This included verifying the soils of the area and denoting any additional observations of the site, testpits were located in areas for where structural components of the compost facilities would likely be constructed or upgraded.

Tetra Tech Canada Inc.
Suite 1000 – 10th Floor, 885 Dunsmuir Street
Vancouver, BC V6C 1N5 CANADA
Tel 604.685.0275 Fax 604.684.6241

2.0 OOTISCHENIA LANDFILL

2.1 Site Description and History

The Ootischenia Landfill (Ootischenia) is located approximately seven kilometres southeast of the City of Castlegar, BC, on the east side of the Columbia River (RDCK 2019). Ootischenia has been active as a landfill since 1968 (RDCK 2019). In addition to landfilling, the site is also a public drop off and waste transfer station.

The proposed area for the Organics Transfer Station on the northern edge of the site, west of the existing transfer station and south of the east-west electric fence. The site and location of the proposed facility area are identified on Figure 1.

2.1.1 Historical Explorations

There have been multiple geotechnical investigations of Ootischenia since 1995 with similar results across all investigations. The material is generally derived of fluvial deposits from the nearby Columbia River made up primarily of medium to coarse-grained sands with some gravels (Wood Environment & Infrastructure Solutions 2018).

In 2005, four monitoring wells were installed in the northern area of the Ootischenia property and the soil was characterized. While the soil characteristics were generally consistent with previous findings, two boreholes (MW6-05 and MW7-05) revealed the presence of waste near where the proposed transfer station upgrades are to take place (Conestoga-Rovers and Associates 2005). MW6-05 recorded waste just below the surface and concrete cap (0.5 m) and was located near OOT01 of the 2020 investigation. MW7-05 was observed to have a layer of waste present from 1.83 m to 3.05 m and was drilled adjacent to OOT08 of the 2020 investigation.

The most recent previous geotechnical investigation at Ootischenia occurred in 2017. This revealed a variety of different sands, ranging from fine grained to fine to coarse throughout the top five metres of the subsurface, which is consistent with previous findings (Amec Foster Wheeler Environment & Infrastructure 2016).

2.2 Site Exploration

2.2.1 Testpit Exploration

The testpit program at Ootischenia included 12 testpits excavated across the site. Testpits were advanced to depths ranging from 2.0 m to 3.0 m using a Hyundai 235 HR-9 excavator provided by the RDCK. Testpits were generally advanced to the maximum reach of the excavator; however, some judgement was used in terminating testpits at shallower depths if difficulties in excavating were encountered or soil conditions appeared typical. Testpit depths and recorded locations are included below in Table 2-1.

A significant number of testpits unearthed buried municipal solid waste. A decision was made to complete another grid of testpits north of the existing electric fence to characterize an area of native material. This data will be used to compare the two options of constructing the transfer station north of the electric fence or excavating the municipal solid waste.

All testpit locations were identified with a handheld GPS survey with an accuracy of +/- of 5 m. The approximate locations are shown on Figure 1.

Testpits were logged during excavation and select soil samples were obtained and processed at Tetra Tech's soils laboratory for further index testing.

Table 2-1: Ootischenia Landfill Testpit Locations and Depths

ID	Completed Depth (m)	Easting1 (m NAD83)	Northing1 (m NAD83)	Approximate Ground Surface Elevation (m)
OOT01	3.1	454013	5456766	490
OOT02	3.0	454048	5456760	489
OOT03	4.0	454088	5456758	489
OOT05	4.0	454027	5456733	495
OOT06	2.7	454003	5456726	489
OOT07	4.0	454043	5456723	489
OOT08	4.0	454083	5456728	492
OOT09	2.0	454038	5456746	499
OOT10	3.3	454070	5456795	485
OOT11	3.4	454018	5456813	482
OOT12	2.0	454004	5456800	488
OOT13	2.0	454023	5456788	482

Notes: 1 – NAD = North American Datum 1983, Zone 11.

2.2.2 Laboratory Testing

Laboratory testing was completed on all samples to further index the soils and complete grain size analysis for permeability estimates.

Results of the laboratory testing for Ootischenia are provided as Appendix B.

2.3 Preliminary Results and Considerations

The majority of testpits at Ootischenia consisted of sand with some gravel and cobbles with the average testpit depth achieved between three and four metres.

However, several of the testpits revealed waste buried under the originally proposed location for the transfer station. The field representative was able to demarcate the northern edge of the waste layer at testpits OOT09A and OOT02, indicating that the treed area and anything to the immediate south could be impacted. The investigation was not able to demarcate the eastern or western edges of the waste, as OOT03 and OOT01 both contained waste. The following testpits contained waste:

- OOT03 from 1.65 m to > 4.0 m (terminated in waste);
- OOT05 from 1.0 m to 2.7 m;
- OOT06 from 1.65 m to > 2.7 m (terminated in waste);
- OOT07 from 0.5 m to 2.1 m; and

- OOT09B from 0.5 m to 1.9 m.

The area north of the electric fence did not yield any evidence of landfilling activities. The soil in this area was observed to be sandier than that south of the electric fence, with sloughing occurring at some of the testpits. Further, there is no evidence of permanent or ephemeral water courses in this area.

Several eagles and crows were observed near the tipping face of the active landfill.

2.3.1 Laboratory Results

A summary of the laboratory tests completed on the soil samples are provided in Table 2-2 below.

Table 2-2: Ootischenia Soil Grain Size Analyses

Testpit	Sample Number	Depth (m)	MC %	Clay and Silt %	Sand %	Gravel %	Description
OOT01	B1	1.8 to 2.0	4.9	4.5	69.5	26	Sand, gravelly
OOT10	B1	3.0 to 3.3	4.2	6.8	76.2	17	Sand, some gravel
OOT11	B1	3.0 to 3.4	5.9	8.1	81.9	10	Sand, trace gravel

2.3.2 Considerations

There are several considerations that arise from the Ootischenia geotechnical investigation that are detailed in the following points:

- Buried municipal solid waste (MSW) is located throughout the area originally proposed for the transfer station. This was unexpected. The buried MSW would either need to be removed from beneath the area of any structures or the proposed facility location could be relocated to the north of the electric fence.
  - Estimating the total volume of buried waste is challenging due to the varying depths of waste encountered. It is likely the waste was placed using a trench fill technique meaning the thickness of the waste varies considerably across the area. The following is a summary of the findings for waste depth:
    - East edge: testpits found waste down to 3 m to 4 m in depth before meeting refusal, waste likely continues deeper.
    - West edge: testpits found waste down to 2 m in depth.
    - North edge: testpits found waste down to 1.9 m to 3 m in depth.
    - South edge: testpits found waste down to 2 m to 2.7 m in depth.
  - High level estimates were developed to provide an order of magnitude range of waste volumes that may require excavation:
    - Lower bound scenario, 900 m^3 of waste;
    - Upper bound scenario,1,300 m^3 of waste; and
    - Most probable scenario, 1,100 m^3 of waste.

- If MSW is excavated, the RDCK will need an equivalent amount of construction fill to build the area back up to the present grade.
- If the facility is relocated north of the electric fence, then the electric fence will need to be moved and expanded to encompass the larger site footprint.
- Additionally, the sand north of the fence may pose challenges to construction and as it is loose and sloughed into the test pits.

2.4 Limitations of Site

There were significant limitations encountered on site by the field team, as the proposed area of investigation encompassed significant amounts of buried municipal solid waste, trees, tires, and other miscellaneous material that affected the placement of testpits. However, these limitations were addressed by relocating testpits around obstacles and conducting a second grid of testpits to a new possible site, north of the electric fence line.

3.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of the Regional District of Central Kootenay and their agents. Tetra Tech Canada Inc. (Tetra Tech) does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than the Regional District of Central Kootenay, or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user. Use of this document is subject to the Limitations on the Use of This Document attached in the Appendix or Contractual Terms and Conditions executed by both parties.

4.0 CLOSURE

We trust this technical memo meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully submitted,
Tetra Tech Canada Inc.

704-SWM.SWOP04285-01
ISSUED FOR REVIEW
704-SWM.SWOP04285-01
704-SWM.SWOP04285-01

Prepared by:
Zachary Lirenman, B.Sc.
Project Scientist
Solid Waste Management Practice
Direct 778.945.5920
Zach.Lirenman@tetratech.com

704-SWM.SWOP04285-01
ISSUED FOR REVIEW
704-SWM.SWOP04285-01
704-SWM.SWOP04285-01

Prepared by:
Hilary Wong, E.I.T.
Project Engineer-in-Training
Solid Waste Management Practice
Direct Line: 403.723.6850
Hilary.Wong@tetratech.com

704-SWM.SWOP04285-01
ISSUED FOR REVIEW
704-SWM.SWOP04285-01
704-SWM.SWOP04285-01

Reviewed by:
Paul Evans, P.Eng., MBA
Project Engineer / Senior Consultant
Solid Waste Management Practice
Direct Line: 403.899.1477
Paul.Evans@tetratech.com

704-SWM.SWOP04285-01
ISSUED FOR REVIEW
704-SWM.SWOP04285-01
704-SWM.SWOP04285-01

Reviewed by:
Mohamed Shaath, P.Eng.
Project Engineer
Solid Waste Management Practice
Direct Line: 403.723.1557
Mohamed.Shaath@tetratech.com

/lc

Attachments: Figure 1: Ootischenia Landfill Site Overview
Appendix A: Testpit Logs
Appendix B: Laboratory Results
Appendix C: Site Photos
Appendix D: Limitations on the Use of This Document

REFERENCES

Amec Foster Wheeler Environment & Infrastructure 2016. Five Year Hydrogeology Review Ootischenia Landfill, Castlegar, BC. Prepared for Regional District of Central Kootenay.

Conestoga-Rovers and Associates 2005. Stratigraphic and Instrumentation Log (Overburden) – Ootischenia Landfill. Prepared for the Regional District of Central Kootenay.

RDCK 2019. Regional District of Central Kootenay 2018 Annual Operations and Monitoring Report OC17126 Ootischenia Landfill Castlegar, BC.

Wood Environment & Infrastructure Solutions 2018. Follow-up Work Regarding Hydrogeological Recommendations for the Ootischenia Landfill. Prepared for the Regional District of Central Kootenay.

FIGURES

TEST PIT COORDINATES

TEST PIT ID ZONE 11	EASTING	NORTHING	ELEVATION
OOT01	454013	5456766	490
OOT02	454048	5456760	489
OOT03	454088	5456758	489
OOT05	454027	5456733	495
OOT06	454003	5456726	489
OOT07	454043	5456723	489
OOT08	454083	5456728	492
OOT09A	454033	5456760	485
OOT09B	454033	5456755	489
OOT10	454070	5456795	485
OOT11	454018	5456813	482
OOT12	454004	5456800	488
OOT13	454023	5456788	482



LEGEND:

TEST PIT LOCATION

0 25 m

Scale: 1: 750

CLIENT

REGIONAL DISTRICT OF CENTRAL KOOTENAY

TETRA TECH

BC ORGANICS DIVERSION PROJECT
OOTISCHENIA, BRITISH COLUMBIA

OOTTISCHENIA

PROJECT NO.	DWN	CKD	REV
SWM.SWOP04285-01	DBD	JR	0

OFFICE: EDM

DATE: June 2020

Figure 3

Q:\Edmonton\Drafting\00_MASTER PROJECT BASE PLANS\RDCK-BC Organics Diversion Project\02_Current\3D Surfaces\Testpit\Figure 3 Ootischnia.dwg [FIGURE 3] July 30, 2020 - 11:42:19 am (BY: MURPHY, MIKE)

APPENDIX A

TESTPIT LOGS

Regional District of Central Kootenay

Testpit No: **OOT01**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 490 m
Castlegar, British Columbia	UTM: 454013 E; 5456766 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						490
	Excavated	SAND - some silt, trace gravel, damp, loose to compact, light brown, medium sand				
1						489
		- some cobbles				
		- cobbly		B1		
2						488
3						487
		END OF TESTPIT (3.1 metres)				
4						486
5						485

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 3.1 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT02**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 489 m
Castlegar, British Columbia	UTM: 454048 E; 5456760 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						489
	Excavated	SAND - interbedded grey and orange				
		WASTE - 90% plastic				
1						488
2		SAND - damp, light brown, fine to medium sand		B1		487
3		END OF TESTPIT (3.0 metres)				486
4						485
5						484

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 3 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT03**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 489 m
Castlegar, British Columbia	UTM: 454088 E; 5456758 N; Z 11

Depth (m)	Method	Soil Description	Notes and Comments	Elevation (m)
0				489
		SAND - trace gravel, damp to moist, brown, medium sand		
1				488
		WASTE - mostly plastic		
2	Excavated			487
3				486
4		END OF TESTPIT (4.0 metres)		485
5				484

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 4 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT05**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 495 m
Castlegar, British Columbia	UTM: 454027 E; 5456733 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						495
		SAND - trace gravel, trace cobbles, moist, loose to compact, light brown, fine to medium sand				
1		WASTE AND SAND - sand is silty, some gravel, moist, loose, grey to black, waste is 50% plastic, 20% wood, 10% metal, 10% glass and 10% other				494
2	Excavated	- strong odour		B1		493
		SAND - grey brown				
3		WASTE AND SAND - dark brown, wood, plastic				492
		SAND - moist, compact, grey brown, medium sand				
4		END OF TESTPIT (4.0 metres)				491
5						490

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 4 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT06**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 489 m
Castlegar, British Columbia	UTM: 454003 E; 5456726 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						489
	Excavated	SAND - dark brown organics to 0.5 metres, light grey and brown				
		WASTE AND SAND - trace gravel, trace cobbles, moist, loose to compact, light grey brown, medium to coarse sand, waste is plastic, wood, tires, cables		B1		
1						488
2						487
		END OF TESTPIT (2.7 metres)				
3						486
4						485
5						484

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 2.7 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT07**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 489 m
Castlegar, British Columbia	UTM: 454043 E; 5456723 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						489
		SAND - trace gravel, trace cobbles, trace boulders, moist, loose, light brown, fine to medium sand, strong odour				
		WASTE AND SAND - sand is silty, some gravel, moist, loose, grey black, waste is 50% plastic, 20-30% paper, 10% rubber tires, 10% roots and yard waste		B1		
1						488
2	Excavated					487
		SAND - trace gravel, moist, loose to compact, light grey and brown, fine to medium sand				
3		- dark brown, wood waste				486
		- trace waste, trace wood		B2		
4						485
		END OF TESTPIT (4.3 metres) Note: Testpit left open from 8:46 to 12:30 - no water infiltration in testpit				
5						484

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 4.3 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT08**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 492 m
Castlegar, British Columbia	UTM: 454083 E; 5456728 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						492
	Excavated	SAND - silty, some gravel, trace cobbles, damp, interbedded brown and grey layers, fine to medium sand				
		- waste, some plastic, one tire, cable, metal, wood				
1						491
		- 200 mm thick dark brown organic layer - trace plastic, metal, wood		B2		
		- no visible waste		B1		
2		- trace roots, dark brown organic layer				490
		- damp, compact, brown and grey		B3		
3						489
4		END OF TESTPIT (4.0 metres) Note: Testpit left open from 8:09 to 12:30 - no water infiltration in testpit				488
5						487

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 4 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT09A**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 485 m
Castlegar, British Columbia	UTM: 454033 E; 5456760 N; Z 11

Depth (m)	Method	Soil Description	Notes and Comments	Elevation (m)
0				485
	Excavated	SAND - trace organics, trace roots, damp to moist, loose to compact, brown, medium sand		
1		END OF TESTPIT (1.0 metre)		484
2				483
3				482
4				481
5				480

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 1 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT09B**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 489 m
Castlegar, British Columbia	UTM: 454033 E; 5456755 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						489
1	Excavated	SAND - trace organics, trace roots, damp to moist, loose to compact, brown, medium sand				488
		WASTE - plastic, metal				
2		SAND - damp to moist, loose to compact, brown, medium sand		B1		487
		END OF TESTPIT (2.0 metres)				
3						486
4						485
5						484

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 2 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT10**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 485 m
Castlegar, British Columbia	UTM: 454070 E; 5456795 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						485
	Excavated	SAND - moist, loose to compact, light brown, fine to medium sand		B1		
1						484
2						483
3						482
		END OF TESTPIT (3.3 metres)				
4						481
5						480

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 3.3 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT11**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 482 m
Castlegar, British Columbia	UTM: 454018 E; 5456813 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						482
	Excavated	SAND - silty, dry to damp, light brown and brown, fine to medium sand				
1		- large tree root				481
		- cobbly				
		- no visible cobbles				
2						480
		- 300 mm thick cobbly pocket				
3				B1		479
		END OF TESTPIT (3.4 metres)				
4						478
5						477

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 3.4 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT12**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 488 m
Castlegar, British Columbia	UTM: 454004 E; 5456800 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						488
	Excavated	SAND - trace gravel, trace cobbles, loose, trace iron staining to 200 mm				
		- trace roots				
1		- some cobbles				487
				B1		
2		END OF TESTPIT (2.0 metres)				486
3						485
4						484
5						483

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 2 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

Regional District of Central Kootenay

Testpit No: **OOT13**

Project: Organics Diversion Projects - Composting Facilities	Project No: SWM.SWOP04285-01
Location: Ootischenia Landfill	Ground Elev: 482 m
Castlegar, British Columbia	UTM: 454023 E; 5456788 N; Z 11

Depth (m)	Method	Soil Description	Sample Type	Sample Number	Notes and Comments	Elevation (m)
0						482
	Excavated	SAND - silty, trace gravel, trace cobbles, dry, loose, light brown, fine to medium sand				
1		- some cobbles		B1		481
2		END OF TESTPIT (2.0 metres)				480
3						479
4						478
5						477

Not Reviewed

TETRA TECH

Contractor:	Completion Depth: 2 m
Drilling Rig Type: Hyundai 235 HR-9	Start Date: 2020 July 7
Logged By: HW	Completion Date: 2020 July 7
Reviewed By:	Page 1 of 1

APPENDIX B

LABORATORY RESULTS

MOISTURE CONTENT TEST RESULTS

ASTM D2216

Project:	Composting facilities and TS Upgrades	Sample No.:	
Project Number:	704-SWM.SWOP04285-01	Date Tested:	July 22, 2020
Client:	Regional District of Central Kootenay	Tested By:	MS
Project Manager:	HW	Page:	1

B.H. Number	Sample Number	Moisture Content (%)	Visual Description of Soil
OOT01		4.9	SAND, gravelly
OOT10		4.2	SAND, some gravel
OOT11		5.9	SAND, trace gravel
CEN03		8.3	CLAY, sandy, gravelly, silty
CEN06		9.5	SAND, gravelly, silty, trace clay
CEN07		6.6	SAND, gravelly, silty, some clay
CRE02		6.9	SAND, silty, trace gravel, trace clay
CRE06		13.2	SAND, silty, trace clay
CRE07		17.6	CLAY, silty, some sand

Reviewed By: _____ P.Eng.

Data presented hereon is for the sole use of the stipulated client. Tetra Tech is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of Tetra Tech. The testing services reported herein have been performed to recognized industry standards, unless noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, Tetra Tech will provide it upon written request.

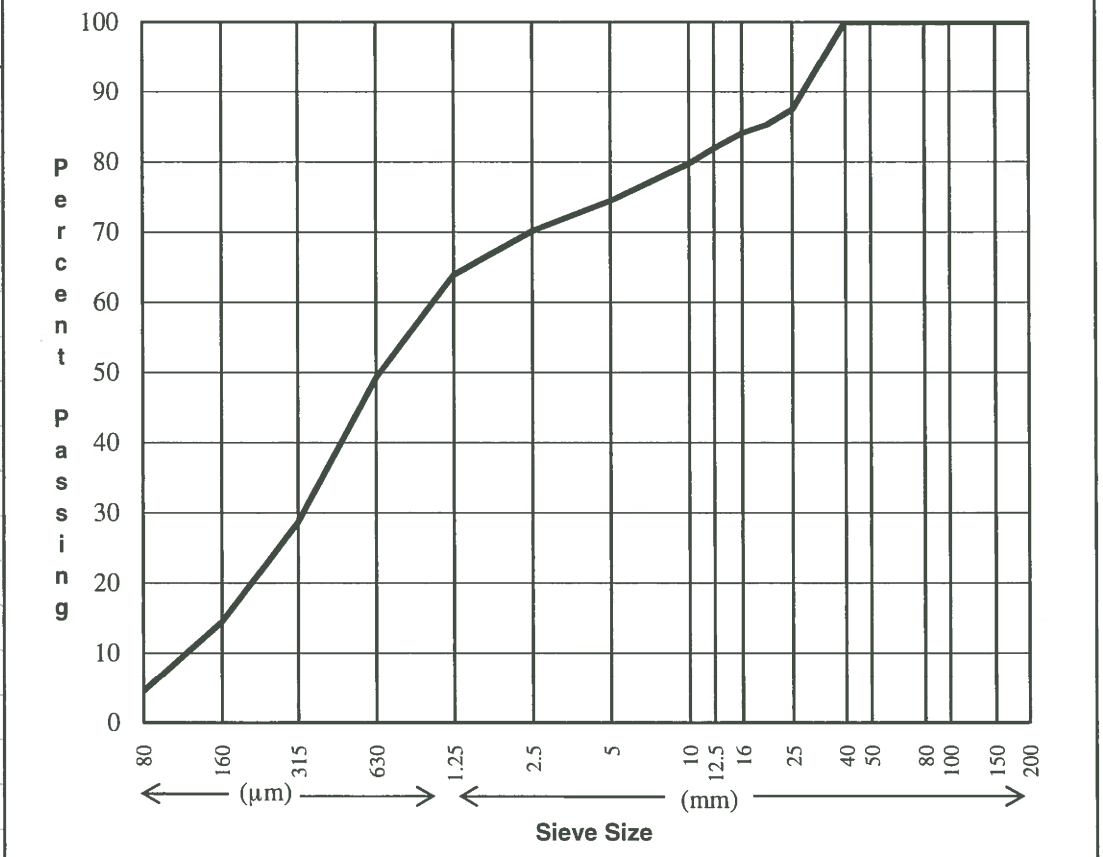
TETRA TECH

SIEVE ANALYSIS REPORT

ASTM C136, C117

Project:	Composting Facilities and TS Upgrades	Sample No.:	B1 - 1.8-2.0m
Client:	Regional District of Central Kootenay	Date Sampled:	July 22, 2020
Project No.:	704-SWM.SWOP04285-01	Sampled By:	HW
Attention:		Date Tested:	July 23, 2020
Description:	SAND, gravelly	Tested By:	MS/AD Lab: Calgary
Source:	OOT01	No. Crushed Faces:	
Location:	Ootischenia LF	Moisture Content:	4.9%
Specification:			

Sieve Size	Percent Passing
200 mm	
150 mm	
100 mm	
80 mm	
50 mm	
40 mm	100
25 mm	87
20 mm	85
16 mm	84
12.5 mm	82
10 mm	80
5 mm	74
2.5 mm	70
1.25 mm	64
630 µm	49
315 µm	29
160 µm	14
80 µm	4.5



Remarks:

Reviewed By: Crapuello P.Eng.

Data presented hereon is for the sole use of the stipulated client. Tetra Tech is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of Tetra Tech. The testing services reported herein have been performed to recognized industry standards, unless noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, Tetra Tech will provide it upon written request.

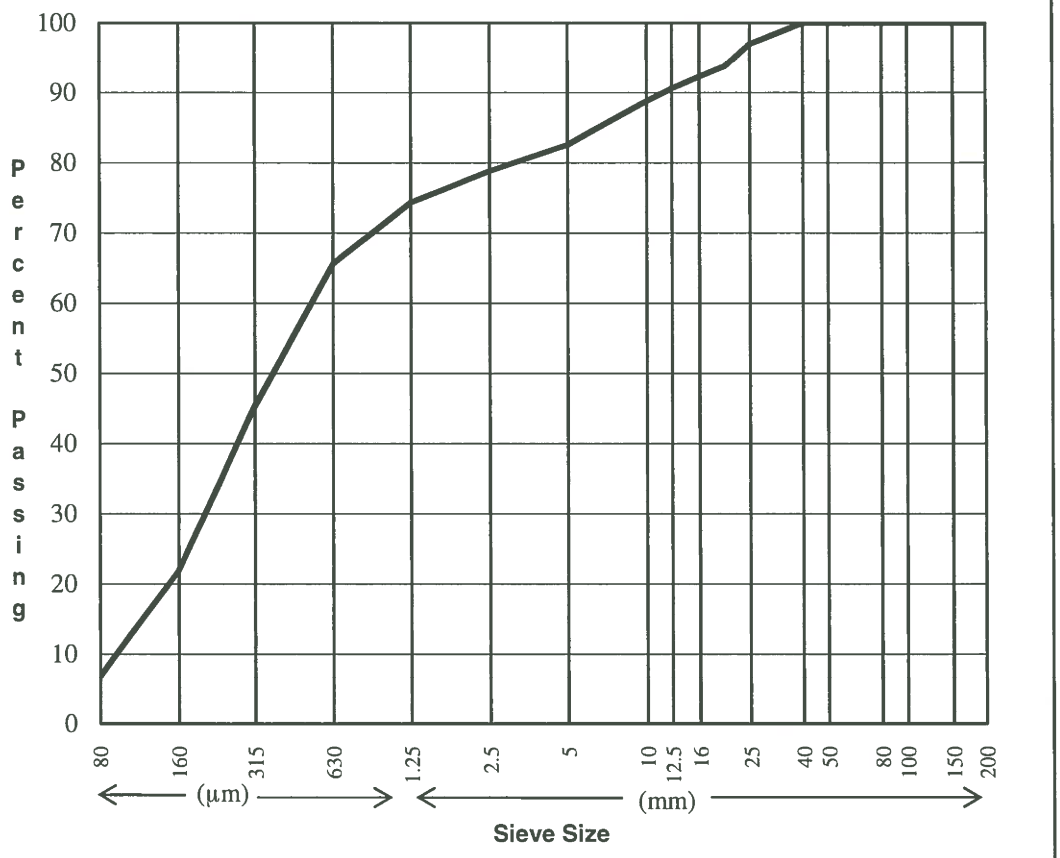
TETRA TECH

SIEVE ANALYSIS REPORT

ASTM C136, C117

Project:	Composting Facilities and TS Upgrades	Sample No.:	B1 - 3.0-3.3m
Client:	Regional District of Central Kootenay	Date Sampled:	July 22, 2020
Project No.:	704-SWM.SWOP04285-01	Sampled By:	HW
Attention:		Date Tested:	July 23, 2020
Description:	SAND, some gravel	Tested By:	MS/AD Lab: Calgary
Source:	OOT10	No. Crushed Faces:	
Location:	Ootischenia LF	Moisture Content:	4.2%
Specification:			

Sieve Size	Percent Passing
200 mm	
150 mm	
100 mm	
80 mm	
50 mm	
40 mm	100
25 mm	97
20 mm	94
16 mm	92
12.5 mm	91
10 mm	89
5 mm	83
2.5 mm	79
1.25 mm	74
630 µm	66
315 µm	45
160 µm	22
80 µm	6.8



Remarks:

Reviewed By: _____ P.Eng.

Data presented hereon is for the sole use of the stipulated client. Tetra Tech is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of Tetra Tech. The testing services reported herein have been performed to recognized industry standards, unless noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, Tetra Tech will provide it upon written request.

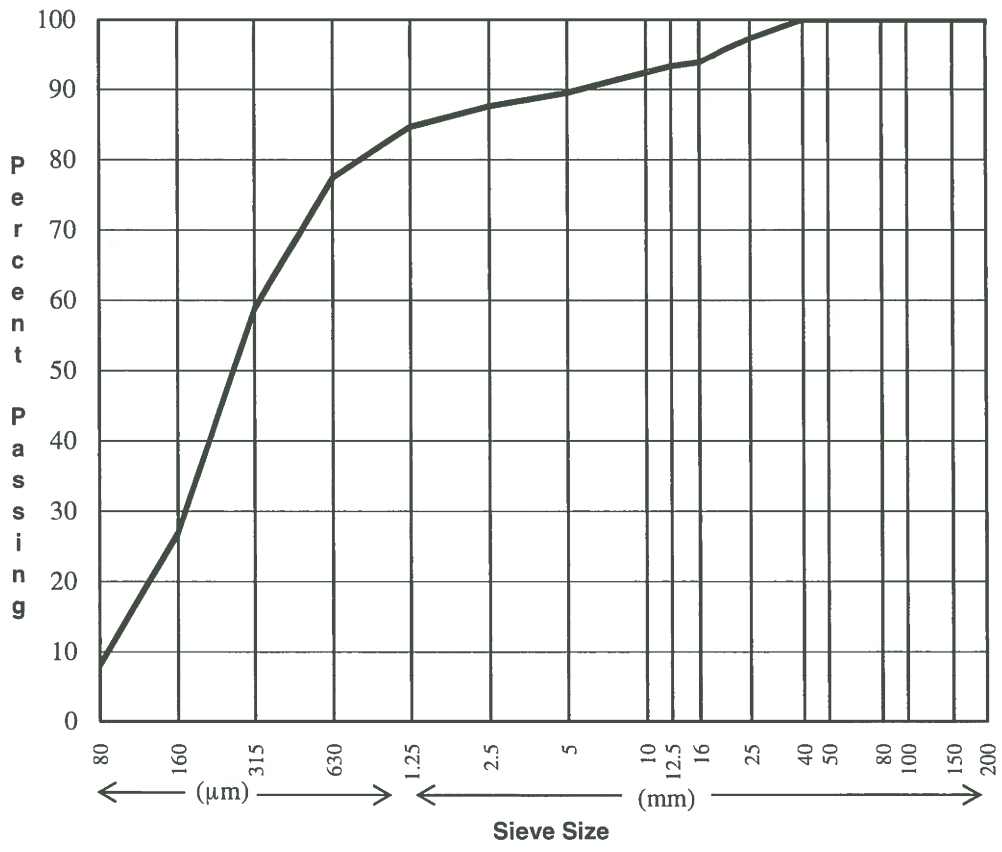
TETRA TECH

SIEVE ANALYSIS REPORT

ASTM C136, C117

Project:	Composting Facilities and TS Upgrades	Sample No.:	B1 - 3.0-3.4 m
Client:	Regional District of Central Kootenay	Date Sampled:	July 22, 2020
Project No.:	704-SWM.SWOP04285-01	Sampled By:	HW
Attention:		Date Tested:	July 23, 2020
Description:	SAND, trace gravel	Tested By:	MS/AD Lab: Calgary
Source:	OOT11	No. Crushed Faces:	
Location:	Ootischenia LF	Moisture Content:	5.9%
Specification:			

Sieve Size	Percent Passing
200 mm	
150 mm	
100 mm	
80 mm	
50 mm	
40 mm	100
25 mm	97
20 mm	96
16 mm	94
12.5 mm	93
10 mm	92
5 mm	90
2.5 mm	88
1.25 mm	85
630 µm	77
315 µm	59
160 µm	27
80 µm	8.1



Remarks:

Reviewed By: _____ P.Eng.

Data presented hereon is for the sole use of the stipulated client. Tetra Tech is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of Tetra Tech. The testing services reported herein have been performed to recognized industry standards, unless noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, Tetra Tech will provide it upon written request.

TETRA TECH

APPENDIX C

SITE PHOTOS

PHOTOS

Proposed Construction Area	**Area North of the Electric Area**
	
OOT01	**OOT02**
	
OOT03	**OOT05**



OOT06



OOT07



OOT08



OOT09



OOT10



OOT11



OOT12



OOT13

APPENDIX D

LIMITATIONS ON THE USE OF THIS DOCUMENT

LIMITATIONS ON USE OF THIS DOCUMENT

GEOENVIRONMENTAL

1.1 USE OF DOCUMENT AND OWNERSHIP

This document pertains to a specific site, a specific development, and a specific scope of work. The document may include plans, drawings, profiles and other supporting documents that collectively constitute the document (the "Professional Document").

The Professional Document is intended for the sole use of TETRA TECH's Client (the "Client") as specifically identified in the TETRA TECH Services Agreement or other Contractual Agreement entered into with the Client (either of which is termed the "Contract" herein). TETRA TECH does not accept any responsibility for the accuracy of any of the data, analyses, recommendations or other contents of the Professional Document when it is used or relied upon by any party other than the Client, unless authorized in writing by TETRA TECH.

Any unauthorized use of the Professional Document is at the sole risk of the user. TETRA TECH accepts no responsibility whatsoever for any loss or damage where such loss or damage is alleged to be or, is in fact, caused by the unauthorized use of the Professional Document.

Where TETRA TECH has expressly authorized the use of the Professional Document by a third party (an "Authorized Party"), consideration for such authorization is the Authorized Party's acceptance of these Limitations on Use of this Document as well as any limitations on liability contained in the Contract with the Client (all of which is collectively termed the "Limitations on Liability"). The Authorized Party should carefully review both these Limitations on Use of this Document and the Contract prior to making any use of the Professional Document. Any use made of the Professional Document by an Authorized Party constitutes the Authorized Party's express acceptance of, and agreement to, the Limitations on Liability.

The Professional Document and any other form or type of data or documents generated by TETRA TECH during the performance of the work are TETRA TECH's professional work product and shall remain the copyright property of TETRA TECH.

The Professional Document is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of TETRA TECH. Additional copies of the Document, if required, may be obtained upon request.

1.2 ALTERNATIVE DOCUMENT FORMAT

Where TETRA TECH submits electronic file and/or hard copy versions of the Professional Document or any drawings or other project-related documents and deliverables (collectively termed TETRA TECH's "Instruments of Professional Service"), only the signed and/or sealed versions shall be considered final. The original signed and/or sealed electronic file and/or hard copy version archived by TETRA TECH shall be deemed to be the original. TETRA TECH will archive a protected digital copy of the original signed and/or sealed version for a period of 10 years.

Both electronic file and/or hard copy versions of TETRA TECH's Instruments of Professional Service shall not, under any circumstances, be altered by any party except TETRA TECH. TETRA TECH's Instruments of Professional Service will be used only and exactly as submitted by TETRA TECH.

Electronic files submitted by TETRA TECH have been prepared and submitted using specific software and hardware systems. TETRA TECH makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

1.3 STANDARD OF CARE

Services performed by TETRA TECH for the Professional Document have been conducted in accordance with the Contract, in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions in the jurisdiction in which the services are provided. Professional judgment has been applied in developing the conclusions and/or recommendations provided in this Professional Document. No warranty or guarantee, express or implied, is made concerning the test results, comments, recommendations, or any other portion of the Professional Document.

If any error or omission is detected by the Client or an Authorized Party, the error or omission must be immediately brought to the attention of TETRA TECH.

1.4 DISCLOSURE OF INFORMATION BY CLIENT

The Client acknowledges that it has fully cooperated with TETRA TECH with respect to the provision of all available information on the past, present, and proposed conditions on the site, including historical information respecting the use of the site. The Client further acknowledges that in order for TETRA TECH to properly provide the services contracted for in the Contract, TETRA TECH has relied upon the Client with respect to both the full disclosure and accuracy of any such information.

1.5 INFORMATION PROVIDED TO TETRA TECH BY OTHERS

During the performance of the work and the preparation of this Professional Document, TETRA TECH may have relied on information provided by persons other than the Client.

While TETRA TECH endeavours to verify the accuracy of such information, TETRA TECH accepts no responsibility for the accuracy or the reliability of such information even where inaccurate or unreliable information impacts any recommendations, design or other deliverables and causes the Client or an Authorized Party loss or damage.

1.6 GENERAL LIMITATIONS OF DOCUMENT

This Professional Document is based solely on the conditions presented and the data available to TETRA TECH at the time the data were collected in the field or gathered from available databases.

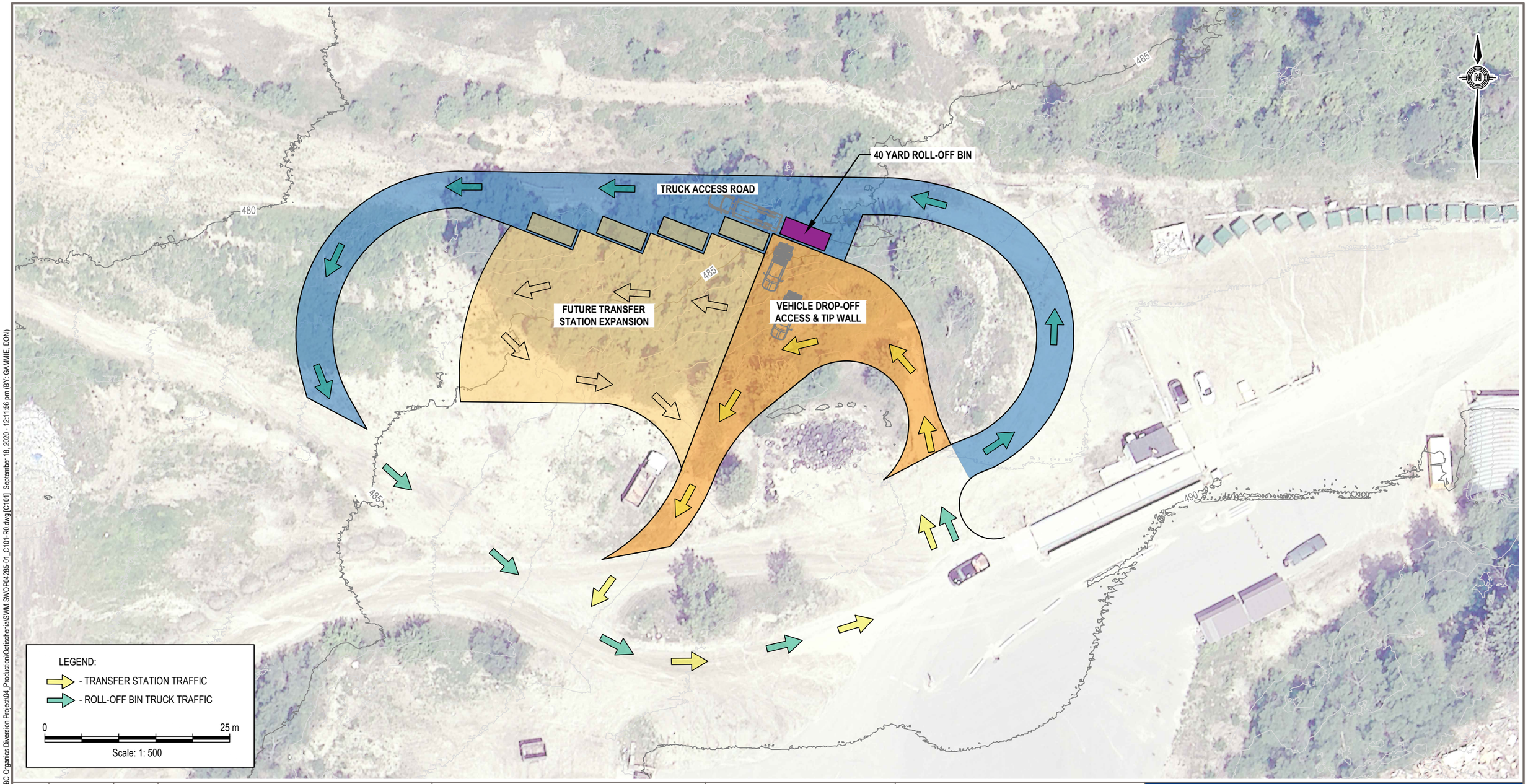
The Client, and any Authorized Party, acknowledges that the Professional Document is based on limited data and that the conclusions, opinions, and recommendations contained in the Professional Document are the result of the application of professional judgment to such limited data.

The Professional Document is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site conditions present, or variation in assumed conditions which might form the basis of design or recommendations as outlined in this report, at or on the development proposed as of the date of the Professional Document requires a supplementary investigation and assessment.

TETRA TECH is neither qualified to, nor is it making, any recommendations with respect to the purchase, sale, investment or development of the property, the decisions on which are the sole responsibility of the Client.

1.7 NOTIFICATION OF AUTHORITIES

In certain instances, the discovery of hazardous substances or conditions and materials may require that regulatory agencies and other persons be informed and the client agrees that notification to such bodies or persons as required may be done by TETRA TECH in its reasonably exercised discretion.



NUM	DATE	APR	DESCRIPTION
REVISIONS			
A	SEPT 9/20	MS	ISSUED FOR REVIEW
NUM	DATE	APR	DESCRIPTION
DRAWING STATUS			

PERMIT

PROFESSIONAL SEAL

CLIENT

REGIONAL DISTRICT OF CENTRAL KOOTENAY

TETRA TECH

BC ORGANICS DIVERSION PROJECT OOTISCHENIA, BRITISH COLUMBIA

TRANSFER STATION PLAN LAYOUT OPTION 1

PROJECT No.	OFFICE	DES	CKD	REV	DRAWING
SWM.SWOP04285-01	EDM	DRG/JR	JR	-	C101
DATE: September 8, 2020	SHEET No. 1 of 1	DWN DRG	APP MS	STATUS A	

Q:\Edmonton\Drafting\00_MASTER PROJECT BASE PLANS\ROCK-BC Organics Diversion Project\04_Production\Ootischenia\SWM.SWOP04285-01_C101-R0.dwg [C101] September 18, 2020 - 12:11:56 pm (BY: GAMMIE, DON)



NUM	DATE	APR	DESCRIPTION
REVISIONS			
A	SEPT 9/20	MS	ISSUED FOR REVIEW
NUM	DATE	APR	DESCRIPTION
DRAWING STATUS			

PERMIT

PROFESSIONAL SEAL

CLIENT

REGIONAL DISTRICT OF CENTRAL KOOTENAY

TETRA TECH

BC ORGANICS DIVERSION PROJECT
OOTISCHENIA, BRITISH COLUMBIA

TRANSFER STATION PLAN LAYOUT OPTION 2

PROJECT No.	OFFICE	DES	CKD	REV	DRAWING
SWM.SWOP04285-01	EDM	DRG/JR	JR	-	C102
DATE: September 8, 2020	SHEET No. 2 of 1	DWN DRG	APP MS	STATUS A	

Q:\Edmonton\Drafting\00_MASTER PROJECT BASE PLANS\ROCK-BC Organics Diversion Project\04_Production\Ootischenia\SWM.SWOP04285-01_C101-R0.dwg [C102] September 09, 2020 - 4:44:17 pm (BY: GAMMIE, DON)