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Lab Job Number: 459596
Report Level: II
Report Date: 03/18/2022

Analytical Report *prepared for:*

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Terraphase Engineering
1300 Clay Street
Suite 1000
Oakland, CA 94612

Project: 0206.002.004 - Briones 2022 Trench Sampling

Authorized for release by:

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This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

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Sample Summary

Kara Quan-Montgomery
Terraphase Engineering
1300 Clay Street
Suite 1000
Oakland, CA 94612

Lab Job #: 459596
Project No: 0206.002.004
Location: Briones 2022 Trench Sampling
Date Received: 03/10/22

Sample ID	Lab ID	Collected	Matrix
TP90-5-031022-BRIONES	459596-001	03/10/22 13:30	Soil
TP90-10-031022-BRIONES	459596-002	03/10/22 13:45	Soil
TP91-5-031022-BRIONES	459596-003	03/10/22 10:30	Soil
TP91-10-031022-BRIONES	459596-004	03/10/22 10:50	Soil
TP191-10-031022-BRIONES	459596-005	03/10/22 10:55	Soil
TP93-5-031022-BRIONES	459596-006	03/10/22 11:45	Soil
TP93-10-031022-BRIONES	459596-007	03/10/22 12:00	Soil
TP94-5-031022-BRIONES	459596-008	03/10/22 12:50	Soil
TP94-10-031022-BRIONES	459596-009	03/10/22 13:00	Soil
TP97-5-031022-BRIONES	459596-010	03/10/22 08:20	Soil
TP98-5-031022-BRIONES	459596-011	03/10/22 09:25	Soil
TP98-10-031022-BRIONES	459596-012	03/10/22 09:40	Soil
TP99-5-031022-BRIONES	459596-013	03/10/22 15:05	Soil
TP99-10-031022-BRIONES	459596-014	03/10/22 15:20	Soil
TP100-5-031022-BRIONES	459596-015	03/10/22 14:10	Soil
TB-031022	459596-016	03/10/22 17:20	Water

Case Narrative

Terraphase Engineering	Lab Job Number: 459596
1300 Clay Street	Project No: 0206.002.004
Suite 1000	Location: Briones 2022 Trench Sampling
Oakland, CA 94612	Date Received: 03/10/22
Kara Quan-Montgomery	

This data package contains sample and QC results for fifteen soil samples and one water sample, requested for the above referenced project on 03/10/22. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

- High surrogate recoveries were observed for n-triacontane in TP94-10-031022-BRIONES (lab # 459596-009) and the MS/MSD of TP94-10-031022-BRIONES (lab # 459596-009).
- DRO C10-C28 and ORO C28-C44 were detected between the MDL and the RL in the method blank for batch 285423.
- TP91-10-031022-BRIONES (lab # 459596-004) and TP98-5-031022-BRIONES (lab # 459596-011) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- Certain samples were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- TP90-5-031022-BRIONES (lab # 459596-001) and TP94-10-031022-BRIONES (lab # 459596-009) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- TP90-5-031022-BRIONES (lab # 459596-001) and TP94-10-031022-BRIONES (lab # 459596-009) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Metals (EPA 6020 and EPA 7471A):

- High drift was observed for nickel in the ICSAB analyzed 03/15/22 11:47; affected data was qualified with "b".
- High recovery was observed for mercury in the MSD of TP90-5-031022-BRIONES (lab # 459596-001); the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for nickel, antimony, and vanadium in the MS/MSD of TP90-5-031022-BRIONES (lab # 459596-001); the LCS was within limits. High recovery was observed for barium in the MSD of TP90-5-031022-BRIONES (lab # 459596-001); the LCS was within limits, and the associated RPD was within limits. High RPD was observed for antimony in the MS/MSD of TP90-5-031022-BRIONES (lab # 459596-001); this analyte was not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Moisture (ASTM D2216):

No analytical problems were encountered.

Asbestos (CARB 435):

SGS Forensic in Hayward, CA performed the analysis.

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Detection Summary

Kara Quan-Montgomery
Terraphase Engineering
1300 Clay Street
Suite 1000
Oakland, CA 94612

Lab Job #: 459596
Project No: 0206.002.004
Location: Briones 2022 Trench Sampling
Date Received: 03/10/22

Sample ID:	Lab ID: 459596-001	Collected: 03/10/22 13:30
TP90-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-001 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**14**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**3.5**		mg/Kg	1.2	0.27
Barium	**120**		mg/Kg	1.2	0.24
Beryllium	**0.56**	J	mg/Kg	5.8	0.020
Chromium	**60**		mg/Kg	5.8	0.64
Cobalt	**19**		mg/Kg	1.2	0.15
Copper	**30**		mg/Kg	1.2	0.21
Lead	**8.5**		mg/Kg	0.58	0.23
Molybdenum	**0.28**	J	mg/Kg	1.2	0.15
Nickel	**79**		mg/Kg	5.8	0.081
Thallium	**0.23**	J	mg/Kg	1.2	0.15
Vanadium	**91**		mg/Kg	12	0.41
Zinc	**42**		mg/Kg	5.8	0.88
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.22**		mg/Kg	0.18	0.050
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**41**		mg/Kg	12	1.7
ORO C28-C44	**64**	B	mg/Kg	23	1.7

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-002	Collected: 03/10/22 13:45
TP90-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-002 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**14**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Antimony	**0.34**	J	mg/Kg	1.2	0.32
Arsenic	**6.2**		mg/Kg	1.2	0.26
Barium	**150**		mg/Kg	1.2	0.24
Beryllium	**0.73**	J	mg/Kg	12	0.039
Cadmium	**0.19**	J	mg/Kg	0.58	0.16
Chromium	**47**		mg/Kg	5.8	0.63
Cobalt	**14**		mg/Kg	1.2	0.15
Copper	**24**		mg/Kg	1.2	0.21
Lead	**13**		mg/Kg	0.58	0.23
Molybdenum	**0.25**	J	mg/Kg	1.2	0.15
Nickel	**72**		mg/Kg	5.8	0.081
Vanadium	**60**		mg/Kg	12	0.41
Zinc	**46**		mg/Kg	5.8	0.87
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.21**		mg/Kg	0.19	0.052
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**12**	B	mg/Kg	12	1.7
ORO C28-C44	**44**	B	mg/Kg	23	1.7

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ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-003	Collected: 03/10/22 10:30
TP91-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-003 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**16**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**4.7**		mg/Kg	1.1	0.25
Barium	**180**		mg/Kg	1.1	0.23
Beryllium	**0.70**	J	mg/Kg	11	0.036
Chromium	**81**		mg/Kg	5.4	0.59
Cobalt	**17**		mg/Kg	1.1	0.14
Copper	**26**		mg/Kg	1.1	0.19
Lead	**10**		mg/Kg	0.54	0.21
Molybdenum	**0.20**	J	mg/Kg	1.1	0.14
Nickel	**100**		mg/Kg	5.4	0.075
Thallium	**0.15**	J	mg/Kg	1.1	0.14
Vanadium	**54**		mg/Kg	11	0.38
Zinc	**44**		mg/Kg	5.4	0.81
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.52**		mg/Kg	0.18	0.050
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**10**	B,J	mg/Kg	12	1.7
ORO C28-C44	**69**	B	mg/Kg	24	1.7
Method: EPA 8270C Prep Method: EPA 3546					
Pyrene	**130**	J	ug/Kg	600	130
Benzo(a)anthracene	**120**	J	ug/Kg	600	96
Chrysene	**140**	J	ug/Kg	600	99
Benzo(a)pyrene	**110**	J	ug/Kg	600	80

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ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-004	Collected: 03/10/22 10:50
TP91-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-004 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**9**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**5.5**		mg/Kg	1.0	0.24
Barium	**180**		mg/Kg	1.0	0.22
Beryllium	**0.71**	J	mg/Kg	10	0.035
Cadmium	**0.15**	J	mg/Kg	0.51	0.14
Chromium	**61**		mg/Kg	5.1	0.56
Cobalt	**17**		mg/Kg	1.0	0.13
Copper	**25**		mg/Kg	1.0	0.18
Lead	**10**		mg/Kg	0.51	0.21
Molybdenum	**0.97**	J	mg/Kg	1.0	0.13
Nickel	**74**		mg/Kg	5.1	0.072
Vanadium	**68**		mg/Kg	10	0.36
Zinc	**50**		mg/Kg	5.1	0.78
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.34**		mg/Kg	0.16	0.045
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**84**		mg/Kg	22	3.2
ORO C28-C44	**240**		mg/Kg	44	3.2

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ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-005	Collected: 03/10/22 10:55
TP191-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-005 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**10**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**4.5**		mg/Kg	1.1	0.25
Barium	**180**		mg/Kg	1.1	0.22
Beryllium	**0.63**	J	mg/Kg	11	0.036
Cadmium	**0.18**	J	mg/Kg	0.53	0.15
Chromium	**72**		mg/Kg	5.3	0.59
Cobalt	**18**		mg/Kg	1.1	0.14
Copper	**25**		mg/Kg	1.1	0.19
Lead	**10**		mg/Kg	0.53	0.21
Molybdenum	**0.33**	J	mg/Kg	1.1	0.14
Nickel	**73**		mg/Kg	5.3	0.075
Vanadium	**76**		mg/Kg	11	0.38
Zinc	**49**		mg/Kg	5.3	0.81
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.16**		mg/Kg	0.16	0.043
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**45**		mg/Kg	11	1.6
ORO C28-C44	**140**		mg/Kg	22	1.6

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ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-006	Collected: 03/10/22 11:45
TP93-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-006 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**12**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**4.9**		mg/Kg	1.1	0.25
Barium	**160**		mg/Kg	1.1	0.23
Beryllium	**0.57**	J	mg/Kg	5.4	0.018
Chromium	**71**		mg/Kg	5.4	0.60
Cobalt	**16**		mg/Kg	1.1	0.14
Copper	**32**		mg/Kg	1.1	0.19
Lead	**11**		mg/Kg	0.54	0.22
Molybdenum	**0.28**	J	mg/Kg	1.1	0.14
Nickel	**89**		mg/Kg	5.4	0.076
Vanadium	**61**		mg/Kg	11	0.38
Zinc	**48**		mg/Kg	5.4	0.82
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.36**		mg/Kg	0.17	0.047
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**75**		mg/Kg	11	1.7
ORO C28-C44	**190**		mg/Kg	23	1.7
Method: EPA 8081A Prep Method: EPA 3546					
4,4'-DDT	**2.9**	C,J	ug/Kg	5.7	1.1
Method: EPA 8082 Prep Method: EPA 3546					
Aroclor-1260	**120**		ug/Kg	57	11

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ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-007	Collected: 03/10/22 12:00
TP93-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-007 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**13**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**4.9**		mg/Kg	1.1	0.25
Barium	**140**		mg/Kg	1.1	0.23
Beryllium	**0.67**	J	mg/Kg	11	0.037
Cadmium	**0.18**	J	mg/Kg	0.54	0.15
Chromium	**49**		mg/Kg	5.4	0.59
Cobalt	**13**		mg/Kg	1.1	0.14
Copper	**25**		mg/Kg	1.1	0.19
Lead	**42**		mg/Kg	0.54	0.21
Molybdenum	**0.28**	J	mg/Kg	1.1	0.14
Nickel	**58**		mg/Kg	5.4	0.075
Thallium	**0.15**	J	mg/Kg	1.1	0.14
Vanadium	**53**		mg/Kg	11	0.38
Zinc	**42**		mg/Kg	5.4	0.81
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.32**		mg/Kg	0.17	0.047
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**37**		mg/Kg	11	1.7
ORO C28-C44	**61**	B	mg/Kg	23	1.7

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ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-008	Collected: 03/10/22 12:50
TP94-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-008 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**8**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**5.3**		mg/Kg	0.99	0.23
Barium	**160**		mg/Kg	0.99	0.21
Beryllium	**0.55**	J	mg/Kg	9.9	0.034
Cadmium	**0.22**	J	mg/Kg	0.49	0.14
Chromium	**52**		mg/Kg	4.9	0.54
Cobalt	**17**		mg/Kg	0.99	0.13
Copper	**27**		mg/Kg	0.99	0.18
Lead	**11**		mg/Kg	0.49	0.20
Molybdenum	**0.23**	J	mg/Kg	0.99	0.13
Nickel	**68**		mg/Kg	4.9	0.069
Vanadium	**61**		mg/Kg	9.9	0.35
Zinc	**45**		mg/Kg	4.9	0.75
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.24**		mg/Kg	0.16	0.045
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**190**		mg/Kg	11	1.6
ORO C28-C44	**290**		mg/Kg	22	1.6

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-009	Collected: 03/10/22 13:00
TP94-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-009 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**11**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**5.1**		mg/Kg	0.96	0.22
Barium	**170**		mg/Kg	0.96	0.20
Beryllium	**0.63**	J	mg/Kg	9.6	0.033
Cadmium	**0.14**	J	mg/Kg	0.48	0.13
Chromium	**99**		mg/Kg	4.8	0.53
Cobalt	**18**		mg/Kg	0.96	0.12
Copper	**30**		mg/Kg	0.96	0.17
Lead	**16**		mg/Kg	0.48	0.19
Molybdenum	**0.22**	J	mg/Kg	0.96	0.12
Nickel	**120**		mg/Kg	4.8	0.067
Thallium	**0.13**	J	mg/Kg	0.96	0.12
Vanadium	**68**		mg/Kg	9.6	0.34
Zinc	**50**		mg/Kg	4.8	0.73
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.30**		mg/Kg	0.18	0.051
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**18**	B	mg/Kg	11	1.8
ORO C28-C44	**74**	B	mg/Kg	22	1.8

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-010	Collected: 03/10/22 08:20
TP97-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-010 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**10**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**6.0**		mg/Kg	1.1	0.26
Barium	**190**		mg/Kg	1.1	0.24
Beryllium	**1.0**	J	mg/Kg	11	0.039
Chromium	**77**		mg/Kg	5.7	0.63
Cobalt	**19**		mg/Kg	1.1	0.15
Copper	**29**		mg/Kg	1.1	0.21
Lead	**11**		mg/Kg	0.57	0.23
Molybdenum	**0.28**	J	mg/Kg	1.1	0.15
Nickel	**110**		mg/Kg	5.7	0.080
Vanadium	**60**		mg/Kg	11	0.41
Zinc	**46**		mg/Kg	5.7	0.87
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.74**		mg/Kg	0.16	0.044
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**17**	B	mg/Kg	11	1.6
ORO C28-C44	**53**	B	mg/Kg	22	1.6

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-011	Collected: 03/10/22 09:25
TP98-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-011 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**10**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**5.0**		mg/Kg	1.0	0.23
Barium	**190**		mg/Kg	1.0	0.21
Beryllium	**0.45**	J	mg/Kg	10	0.034
Chromium	**78**		mg/Kg	5.1	0.56
Cobalt	**17**		mg/Kg	1.0	0.13
Copper	**30**		mg/Kg	1.0	0.18
Lead	**10**		mg/Kg	0.51	0.20
Molybdenum	**0.29**	J	mg/Kg	1.0	0.13
Nickel	**140**		mg/Kg	5.1	0.071
Vanadium	**64**		mg/Kg	10	0.36
Zinc	**49**		mg/Kg	5.1	0.76
Method: EPA 7471A Prep Method: METHOD					
Mercury	**2.4**		mg/Kg	0.86	0.24
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**78**		mg/Kg	56	8.2
ORO C28-C44	**380**		mg/Kg	110	8.2

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-012	Collected: 03/10/22 09:40
TP98-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-012 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**14**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**5.6**		mg/Kg	1.1	0.24
Barium	**190**		mg/Kg	1.1	0.22
Beryllium	**1.1**	J	mg/Kg	11	0.036
Cadmium	**0.19**	J	mg/Kg	0.53	0.15
Chromium	**68**		mg/Kg	5.3	0.58
Cobalt	**18**		mg/Kg	1.1	0.14
Copper	**32**		mg/Kg	1.1	0.19
Lead	**18**		mg/Kg	0.53	0.21
Molybdenum	**0.30**	J	mg/Kg	1.1	0.14
Nickel	**150**		mg/Kg	5.3	0.074
Thallium	**0.18**	J	mg/Kg	1.1	0.14
Vanadium	**50**		mg/Kg	11	0.38
Zinc	**90**		mg/Kg	5.3	0.80
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.62**		mg/Kg	0.18	0.049
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**12**	B	mg/Kg	12	1.7
ORO C28-C44	**44**	B	mg/Kg	23	1.7
Method: EPA 8081A Prep Method: EPA 3546					
4,4'-DDT	**2.8**	C,J	ug/Kg	5.8	1.1
Method: EPA 8082 Prep Method: EPA 3546					
Aroclor-1260	**150**		ug/Kg	58	11

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-013	Collected: 03/10/22 15:05
TP99-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-013 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**13**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**4.2**		mg/Kg	1.1	0.25
Barium	**230**		mg/Kg	1.1	0.23
Beryllium	**0.53**	J	mg/Kg	11	0.037
Cadmium	**0.23**	J	mg/Kg	0.55	0.15
Chromium	**68**		mg/Kg	5.5	0.60
Cobalt	**28**		mg/Kg	1.1	0.14
Copper	**16**		mg/Kg	1.1	0.20
Lead	**15**		mg/Kg	0.55	0.22
Molybdenum	**0.28**	J	mg/Kg	1.1	0.14
Nickel	**37**		mg/Kg	5.5	0.077
Vanadium	**62**		mg/Kg	11	0.39
Zinc	**75**		mg/Kg	5.5	0.83
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.062**	J	mg/Kg	0.17	0.047
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**17**	B	mg/Kg	11	1.7
ORO C28-C44	**52**	B	mg/Kg	23	1.7

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-014	Collected: 03/10/22 15:20
TP99-10-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-014 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**15**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**3.3**		mg/Kg	0.99	0.23
Barium	**160**		mg/Kg	0.99	0.21
Beryllium	**0.89**	J	mg/Kg	9.9	0.034
Chromium	**39**		mg/Kg	4.9	0.54
Cobalt	**9.5**		mg/Kg	0.99	0.13
Copper	**15**		mg/Kg	0.99	0.18
Lead	**6.9**		mg/Kg	0.49	0.20
Nickel	**44**		mg/Kg	4.9	0.069
Vanadium	**45**		mg/Kg	9.9	0.35
Zinc	**37**		mg/Kg	4.9	0.75
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.063**	J	mg/Kg	0.17	0.048
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**29**		mg/Kg	12	1.7
ORO C28-C44	**85**	B	mg/Kg	24	1.7

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 459596-015	Collected: 03/10/22 14:10
TP100-5-031022-BRIONES	Matrix: Soil	Basis: Dry

459596-015 Analyte	Result	Qual	Units	RL	MDL
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**15**		%	1	
Method: EPA 6020 Prep Method: EPA 3050B					
Arsenic	**1.1**	J	mg/Kg	1.1	0.26
Barium	**25**		mg/Kg	1.1	0.24
Chromium	**12**		mg/Kg	1.1	0.42
Cobalt	**3.8**		mg/Kg	1.1	0.15
Copper	**6.2**		mg/Kg	1.1	0.21
Lead	**2.5**		mg/Kg	0.57	0.23
Nickel	**21**		mg/Kg	5.7	0.080
Vanadium	**8.2**		mg/Kg	2.3	0.74
Zinc	**17**		mg/Kg	5.7	0.86
Method: EPA 7471A Prep Method: METHOD					
Mercury	**0.15**	J	mg/Kg	0.19	0.052
Method: EPA 8015M Prep Method: EPA 3580					
DRO C10-C28	**2.6**	B,J	mg/Kg	12	1.7
ORO C28-C44	**4.5**	B,J	mg/Kg	24	1.7

Sample ID: TB-031022	Lab ID: 459596-016	Collected: 03/10/22 17:20

No Detections

B Contamination found in associated Method Blank
C Presence confirmed, but RPD between columns exceeds 40%
J Estimated value

CHAIN OF CUSTODY

ENTHALPY ANALYTICAL
Formerly Curtis & Tompkins Labs
2323 Fifth Street
Berkeley, CA 94710
Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 159596

Project No: 0206.002.004 | Sampler: Molly Coates
Project Name: Briones 2022 Trench Sampling | Report To: Kara Quan-Montgomery
Project P. O. No: | Company: Terraphase
EDD Format: Report Level ☒ II ☐ III ☐ IV | Telephone: 510 645 1850
Turnaround Time: ☐ RUSH _____ ☒ Standard 5 day | Email: Kara.quan-montgomery@terraphase.com

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST																
		Date Collected	Time Collected	Water	Solid				HCl	H2SO4	HNO3	NaOH	None	TPH-g by EPA 8260	TPH-d/mo by EPA 8015	VOCs by EPA 8260	SVOCs by EPA 8270	PCBs by EPA 8082	OCPs by EPA 8081	Titanium Metals EPA 6020B/7471A	Moisture Content ASTM D 2216	Asbestos Carb 435								
1	TP99-5-031022-BRIONES	3/10/22	1330		X			5					4	X	X	X	X	X	X	X	X									
2	TP99-10-031022-BRIONES	3/10/22	1345		X			5					4	X	X	X	X	X	X	X	X									
3	TP100-5-031022-BRIONES	3/10/22	1030		X			6					5	X	X	X	X	X	X	X	X									
4	TP100-10-031022-BRIONES	3/10/22	1050		X			6					5	X	X	X	X	X	X	X	X									
5	TP1100-10-031022-BRIONES	3/10/22	1055		X			6					5	X	X	X	X	X	X	X	X									
6	TP102-5-031022-BRIONES	3/10/22	1145		X			6					5	X	X	X	X	X	X	X	X									
7	TP102-10-031022-BRIONES	3/10/22	1200		X			7					6	X	X	X	X	X	X	X	X	X								
8	TP103-5-031022-BRIONES	3/10/22	1250		X			5					4	X	X	X	X	X	X	X	X									
9	TP103-10-031022-BRIONES	3/10/22	1300		X			5					4	X	X	X	X	X	X	X	X									
10	TP106-5-031022-BRIONES	3/10/22	0820		X			7					6	X	X	X	X	X	X	X	X	X								
11	TP107-5-031022-BRIONES	3/10/22	0925		X			6					5	X	X	X	X	X	X	X	X									
12	TP107-10-031022-BRIONES	3/10/22	0940		X			6					5	X	X	X	X	X	X	X	X									
13	TP108-5-031022-BRIONES	3/10/22	1505		X			5					4	X	X	X	X	X	X	X	X									

Notes:

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
_____ DATE: 3/10/22 TIME: 1722
_____ DATE: 3/10/22 TIME: 1755
_____ DATE: _____ TIME: _____

RECEIVED BY:
_____ DATE: 3/10/22 TIME: 1722
_____ DATE: 3/11/22 TIME: 0830
_____ DATE: _____ TIME: _____

CHAIN OF CUSTODY

ENTHALPY ANALYTICAL
Formerly Curtis & Tompkins Labs

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

C&T LOGIN # 459596

Chain of Custody # _____

Project No: 0206.002.004
Project Name: Briones 2022 Trench Sampling
Project P. O. No:
EDD Format: Report Level ☒ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH _____ ☐ Standard

Sampler: Molly Coates
Report To: Kara Quan-Montgomery
Company: Terraphase
Telephone: 510 645 1850
Email: kara.quan-montgomery@terraphase.com

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST																		
		Date Collected	Time Collected	Water	Solid				HCl	H2SO4	HNO3	NaOH	None	TPH-g by EPA 8260	TPH-d/mo by EPA 8015	VOCs by EPA 8260	SVOCs by EPA 8270	PCBs by EPA 8082	OCPs by EPA 8081	Title 22 metals EPA 6020B (200.7/200.8)		Moisture Content ASTM D 2216	Asbestos Carb 435									
14	TP108-10-031022-BRIONES	3/10/22	1520		X			5					4	X	X	X	X	X	X	X		X										
15	TP109-5-031022-BRIONES	3/10/22	1410		X			6					5	X	X	X	X	X	X	X		X	X									
16	TB-031022	3/10/22	1720	X												X																

Notes:

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 3/10/22 TIME: 1721
DATE: 3/10/22 TIME: 1755
DATE: TIME:

RECEIVED BY:
DATE: 3/10/22 TIME: 1721
DATE: 3/11/22 TIME: 0830
DATE: TIME:

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Terraphase Engineering Project: Briones 2022 Trench Sampling

Date Received: 03/11/22 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.5 #2: 2.2 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Greyhound

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.2 #2: 0.8 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?	✔		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✔	
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 3/11/22

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 459596 Client: Terraphase

Date Received: 3/10/22 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☐ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 1 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☑ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 3/10/22 By (print) MY (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☑ Bubble Wrap, ☐ Foam blocks, ☐ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☑ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

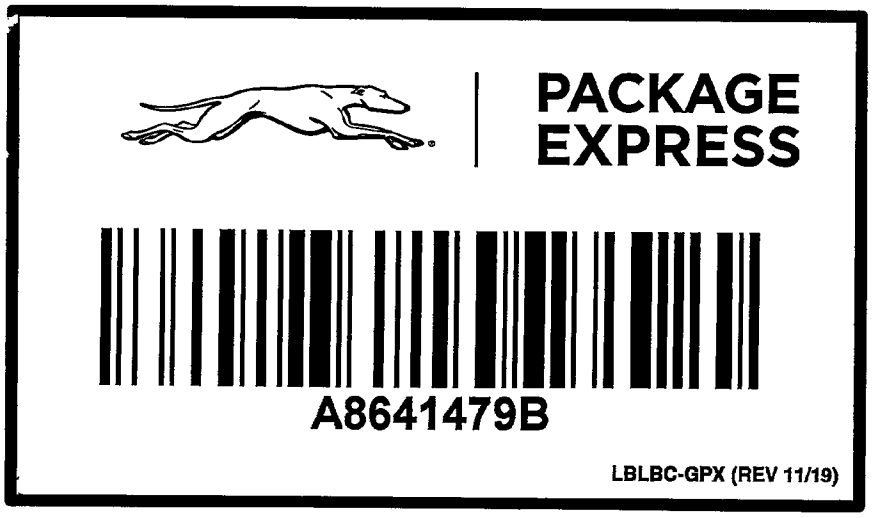
Section 6:

Explanations/Comments: _____

Date Logged in 3/10/22 **By (print)** MY for LEF **(sign)** _____

Date Labeled 3/10/22 **By (print)** MY **(sign)** _____

1.2 / 3.5



0.8 /2.2

* Please Review & Confirm * 0206.002.004 - Enthalpy Login Summary (459596)

Kara Quan-Montgomery <kara.quan-montgomery@terraphase.com>
To: John Goyette <john.goyette@enthalpy.com>
Cc: Molly Coates <molly.coates@terraphase.com>

Sat, Mar 12, 2022 at 3:35 PM

Hi John,

Please change the sample names as follows:

Former Sample Name	New Sample ID	Lab ID
TP99-5-031022-BRIONES	TP90-5-031022-BRIONES	459596-001
TP99-10-031022-BRIONES	TP90-10-031022-BRIONES	459596-002
TP100-5-031022-BRIONES	TP91-5-031022-BRIONES	459596-003
TP100-10-031022-BRIONES	TP91-10-031022-BRIONES	459596-004
TP1100-10-031022-BRIONES	TP191-10-031022-BRIONES	459596-005
TP102-5-031022-BRIONES	TP93-5-031022-BRIONES	459596-006
TP102-10-031022-BRIONES	TP93-10-031022-BRIONES	459596-007
TP103-5-031022-BRIONES	TP94-5-031022-BRIONES	459596-008
TP103-10-031022-BRIONES	TP94-10-031022-BRIONES	459596-009
TP106-5-031022-BRIONES	TP97-5-031022-BRIONES	459596-010
TP107-5-031022-BRIONES	TP98-5-031022-BRIONES	459596-011
TP107-10-031022-BRIONES	TP98-10-031022-BRIONES	459596-012
TP108-5-031022-BRIONES	TP99-5-031022-BRIONES	459596-013
TP108-10-031022-BRIONES	TP99-10-031022-BRIONES	459596-014
TP109-5-031022-BRIONES	TP100-5-031022-BRIONES	459596-015

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Moisture:** 14% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-001 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** TJW

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**41**	12	1.7	mg/Kg	
ORO C28-C44	**64**	23	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	85	70-130

Field ID: TP90-10-031022-BRIONES **Moisture:** 14% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-002 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**12**	12	1.7	mg/Kg	B
ORO C28-C44	**44**	23	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	88	70-130

Field ID: TP91-5-031022-BRIONES **Moisture:** 16% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-003 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**10 J**	12	1.7	mg/Kg	B
ORO C28-C44	**69**	24	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	83	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP91-10-031022-BRIONES **Moisture:** 9% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 2.000 **Analyzed:** 03/16/22
Lab ID: 459596-004 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units
DRO C10-C28	**84**	22	3.2	mg/Kg
ORO C28-C44	**240**	44	3.2	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	85	70-130

Field ID: TP191-10-031022-BRIONES **Moisture:** 10% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-005 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units
DRO C10-C28	**45**	11	1.6	mg/Kg
ORO C28-C44	**140**	22	1.6	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	86	70-130

Field ID: TP93-5-031022-BRIONES **Moisture:** 12% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-006 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units
DRO C10-C28	**75**	11	1.7	mg/Kg
ORO C28-C44	**190**	23	1.7	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	88	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-10-031022-BRIONES **Moisture:** 13% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-007 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**37**	11	1.7	mg/Kg	
ORO C28-C44	**61**	23	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	84	70-130

Field ID: TP94-5-031022-BRIONES **Moisture:** 8% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-008 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units
DRO C10-C28	**190**	11	1.6	mg/Kg
ORO C28-C44	**290**	22	1.6	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	80	70-130

Field ID: TP94-10-031022-BRIONES **Moisture:** 11% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/15/22
Lab ID: 459596-009 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**18**	11	1.8	mg/Kg	B
ORO C28-C44	**74**	22	1.8	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	146 *	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP97-5-031022-BRIONES **Moisture:** 10% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-010 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**17**	11	1.6	mg/Kg	B
ORO C28-C44	**53**	22	1.6	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	81	70-130

Field ID: TP98-5-031022-BRIONES **Moisture:** 10% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 5.000 **Analyzed:** 03/16/22
Lab ID: 459596-011 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units
DRO C10-C28	**78**	56	8.2	mg/Kg
ORO C28-C44	**380**	110	8.2	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	85	70-130

Field ID: TP98-10-031022-BRIONES **Moisture:** 14% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-012 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**12**	12	1.7	mg/Kg	B
ORO C28-C44	**44**	23	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	85	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP99-5-031022-BRIONES **Moisture:** 13% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-013 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**17**	11	1.7	mg/Kg	B
ORO C28-C44	**52**	23	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	88	70-130

Field ID: TP99-10-031022-BRIONES **Moisture:** 15% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/16/22
Lab ID: 459596-014 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**29**	12	1.7	mg/Kg	
ORO C28-C44	**85**	24	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	81	70-130

Field ID: TP100-5-031022-BRIONES **Moisture:** 15% **Prepared:** 03/11/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/17/22
Lab ID: 459596-015 **Batch#:** 285423 **Prep:** EPA 3580
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8015M
Basis: dry **Received:** 03/10/22 **Analyst:** MES

Analyte	Result	RL	MDL	Units	Qual
DRO C10-C28	**2.6 J**	12	1.7	mg/Kg	B
ORO C28-C44	**4.5 J**	24	1.7	mg/Kg	B

Surrogate	%REC	Limits
n-Triacontane	86	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type:	BLANK	**Batch#:**	285423	**Analysis:**	EPA 8015M
Lab ID:	QC977082	**Prepared:**	03/11/22	**Analyst:**	MES
Matrix:	Soil	**Analyzed:**	03/15/22		
DiIn Fac:	1.000	**Prep:**	EPA 3580		

Analyte	Result	RL	MDL	Units
DRO C10-C28	**1.7 J**	10	1.6	mg/Kg
ORO C28-C44	**11 J**	20	1.6	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	130	70-130

Legend

***:** Value is outside QC limits

B: Contamination found in associated Method Blank

J: Estimated value

MDL: Method Detection Limit

RL: Reporting Limit

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285423 **Analysis:** EPA 8015M

Lab ID: QC977083 **Prepared:** 03/11/22 **Analyst:** MES

Matrix: Soil **Analyzed:** 03/15/22

DilN Fac: 1.000 **Prep:** EPA 3580

Analyte	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	250.0	249.7	100	76-122	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	118	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP94-10-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285423	**Analyzed:**	03/15/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3580
MSS Lab ID:	459596-009	**Moisture:**	11%	**Received:**	03/10/22	**Analysis:**	EPA 8015M
Lab ID:	QC977084	**Diln Fac:**	1.000	**Prepared:**	03/11/22	**Analyst:**	MES

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	18.07	280.9	234.1	77	62-126	mg/Kg

Surrogate	%REC	Limits
n-Triacontane	142 *	70-130

Field ID:	TP94-10-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285423	**Analyzed:**	03/15/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3580
MSS Lab ID:	459596-009	**Moisture:**	11%	**Received:**	03/10/22	**Analysis:**	EPA 8015M
Lab ID:	QC977085	**Diln Fac:**	1.000	**Prepared:**	03/11/22	**Analyst:**	MES

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Diesel C10-C28	280.9	268.6	89	62-126	mg/Kg	14	35

Surrogate	%REC	Limits
n-Triacontane	150 *	70-130

Legend

***:** Value is outside QC limits

RPD: Relative Percent Difference

Enthalpy Analytical - Orange Analytical Report

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TB-031022	**Batch#:**	285375	**Prep:**	EPA 5030B
Lab ID:	459596-016	**Sampled:**	03/10/22	**Analysis:**	EPA 8260B
Matrix:	Water	**Received:**	03/10/22	**Analyst:**	TCN
Diln Fac:	1.000	**Analyzed:**	03/11/22		

Analyte	Result	RL	MDL	Units
Freon 12	ND	0.5	0.2	ug/L
Chloromethane	ND	0.5	0.2	ug/L
Vinyl Chloride	ND	0.5	0.07	ug/L
Bromomethane	ND	1.0	0.7	ug/L
Chloroethane	ND	0.5	0.1	ug/L
Trichlorofluoromethane	ND	0.5	0.3	ug/L
Acetone	ND	25	25	ug/L
Freon 113	ND	0.5	0.3	ug/L
1,1-Dichloroethene	ND	0.5	0.3	ug/L
Methylene Chloride	ND	20		ug/L
MTBE	ND	0.5	0.1	ug/L
trans-1,2-Dichloroethene	ND	0.5	0.3	ug/L
1,1-Dichloroethane	ND	0.5	0.3	ug/L
2-Butanone	ND	5.0	0.8	ug/L
cis-1,2-Dichloroethene	ND	0.5	0.4	ug/L
2,2-Dichloropropane	ND	0.5	0.3	ug/L
Chloroform	ND	0.5	0.3	ug/L
Bromochloromethane	ND	0.5	0.3	ug/L
1,1,1-Trichloroethane	ND	0.5	0.3	ug/L
1,1-Dichloropropene	ND	0.5	0.3	ug/L
Carbon Tetrachloride	ND	0.5	0.3	ug/L
1,2-Dichloroethane	ND	0.5	0.3	ug/L
Benzene	ND	0.5	0.3	ug/L
Trichloroethene	ND	0.5	0.5	ug/L
1,2-Dichloropropane	ND	0.5	0.4	ug/L
Bromodichloromethane	ND	0.5	0.3	ug/L
Dibromomethane	ND	0.5	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	0.1	ug/L
cis-1,3-Dichloropropene	ND	0.5	0.5	ug/L
Toluene	ND	0.5	0.3	ug/L
trans-1,3-Dichloropropene	ND	0.5	0.4	ug/L
1,1,2-Trichloroethane	ND	0.5	0.5	ug/L
1,3-Dichloropropane	ND	0.5	0.5	ug/L
Tetrachloroethene	ND	0.5	0.3	ug/L
Dibromochloromethane	ND	0.5	0.5	ug/L
1,2-Dibromoethane	ND	0.5	0.2	ug/L
Chlorobenzene	ND	0.5	0.3	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	0.4	ug/L
Ethylbenzene	ND	0.5	0.3	ug/L
m,p-Xylenes	ND	1.0	0.5	ug/L
o-Xylene	ND	0.5	0.5	ug/L

Enthalpy Analytical - Orange Analytical Report

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
Styrene	ND	0.5	0.2	ug/L
Bromoform	ND	1.0	0.2	ug/L
Propylbenzene	ND	0.5	0.3	ug/L
Isopropylbenzene	ND	0.5	0.2	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	0.4	ug/L
1,2,3-Trichloropropane	ND	1.0	0.2	ug/L
Bromobenzene	ND	1.0	0.3	ug/L
1,3,5-Trimethylbenzene	ND	0.5	0.4	ug/L
2-Chlorotoluene	ND	0.5	0.4	ug/L
4-Chlorotoluene	ND	0.5	0.5	ug/L
tert-Butylbenzene	ND	0.5	0.4	ug/L
1,2,4-Trimethylbenzene	ND	0.5	0.5	ug/L
sec-Butylbenzene	ND	0.5	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	0.3	ug/L
1,4-Dichlorobenzene	ND	0.5	0.3	ug/L
n-Butylbenzene	ND	0.5	0.4	ug/L
1,2-Dichlorobenzene	ND	0.5	0.4	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	0.1	ug/L
1,2,4-Trichlorobenzene	ND	0.5	0.3	ug/L
Hexachlorobutadiene	ND	1.0	0.4	ug/L
Naphthalene	ND	0.5	0.3	ug/L
1,2,3-Trichlorobenzene	ND	0.5	0.5	ug/L
cis-1,4-Dichloro-2-butene	ND	2.0	0.6	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	0.08	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	0.06	ug/L
tert-Butyl Alcohol (TBA)	ND	10	5.2	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	0.1	ug/L

Surrogate	%REC	Limits
Dibromofluoromethane	96	70-140
1,2-Dichloroethane-d4	98	70-140
Toluene-d8	101	70-140
Bromofluorobenzene	101	70-140

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5030B

Lab ID: QC976920 **Batch#:** 285375 **Analysis:** EPA 8260B

Matrix: Water **Analyzed:** 03/11/22 **Analyst:** TCN

Analyte	Result	RL	MDL	Units
Freon 12	ND	0.5	0.2	ug/L
Chloromethane	ND	0.5	0.2	ug/L
Vinyl Chloride	ND	0.5	0.07	ug/L
Bromomethane	ND	1.0	0.7	ug/L
Chloroethane	ND	0.5	0.1	ug/L
Trichlorofluoromethane	ND	0.5	0.3	ug/L
Acetone	ND	25	25	ug/L
Freon 113	ND	0.5	0.3	ug/L
1,1-Dichloroethene	ND	0.5	0.3	ug/L
Methylene Chloride	ND	20		ug/L
MTBE	ND	0.5	0.1	ug/L
trans-1,2-Dichloroethene	ND	0.5	0.3	ug/L
1,1-Dichloroethane	ND	0.5	0.3	ug/L
2-Butanone	ND	5.0	0.8	ug/L
cis-1,2-Dichloroethene	ND	0.5	0.4	ug/L
2,2-Dichloropropane	ND	0.5	0.3	ug/L
Chloroform	ND	0.5	0.3	ug/L
Bromochloromethane	ND	0.5	0.3	ug/L
1,1,1-Trichloroethane	ND	0.5	0.3	ug/L
1,1-Dichloropropene	ND	0.5	0.3	ug/L
Carbon Tetrachloride	ND	0.5	0.3	ug/L
1,2-Dichloroethane	ND	0.5	0.3	ug/L
Benzene	ND	0.5	0.3	ug/L
Trichloroethene	ND	0.5	0.5	ug/L
1,2-Dichloropropane	ND	0.5	0.4	ug/L
Bromodichloromethane	ND	0.5	0.3	ug/L
Dibromomethane	ND	0.5	0.5	ug/L
4-Methyl-2-Pentanone	ND	5.0	0.1	ug/L
cis-1,3-Dichloropropene	ND	0.5	0.5	ug/L
Toluene	ND	0.5	0.3	ug/L
trans-1,3-Dichloropropene	ND	0.5	0.4	ug/L
1,1,2-Trichloroethane	ND	0.5	0.5	ug/L
1,3-Dichloropropane	ND	0.5	0.5	ug/L
Tetrachloroethene	ND	0.5	0.3	ug/L
Dibromochloromethane	ND	0.5	0.5	ug/L
1,2-Dibromoethane	ND	0.5	0.2	ug/L
Chlorobenzene	ND	0.5	0.3	ug/L
1,1,1,2-Tetrachloroethane	ND	0.5	0.4	ug/L
Ethylbenzene	ND	0.5	0.3	ug/L
m,p-Xylenes	ND	1.0	0.5	ug/L
o-Xylene	ND	0.5	0.5	ug/L
Styrene	ND	0.5	0.2	ug/L

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
Bromoform	ND	1.0	0.2	ug/L
Propylbenzene	ND	0.5	0.3	ug/L
Isopropylbenzene	ND	0.5	0.2	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	0.4	ug/L
1,2,3-Trichloropropane	ND	1.0	0.2	ug/L
Bromobenzene	ND	1.0	0.3	ug/L
1,3,5-Trimethylbenzene	ND	0.5	0.4	ug/L
2-Chlorotoluene	ND	0.5	0.4	ug/L
4-Chlorotoluene	ND	0.5	0.5	ug/L
tert-Butylbenzene	ND	0.5	0.4	ug/L
1,2,4-Trimethylbenzene	ND	0.5	0.5	ug/L
sec-Butylbenzene	ND	0.5	0.5	ug/L
para-Isopropyl Toluene	ND	0.5	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	0.3	ug/L
1,4-Dichlorobenzene	ND	0.5	0.3	ug/L
n-Butylbenzene	ND	0.5	0.4	ug/L
1,2-Dichlorobenzene	ND	0.5	0.4	ug/L
1,2-Dibromo-3-Chloropropane	ND	2.0	0.1	ug/L
1,2,4-Trichlorobenzene	ND	0.5	0.3	ug/L
Hexachlorobutadiene	ND	1.0	0.4	ug/L
Naphthalene	ND	0.5	0.3	ug/L
1,2,3-Trichlorobenzene	ND	0.5	0.5	ug/L
cis-1,4-Dichloro-2-butene	ND	2.0	0.6	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	0.5	ug/L
Isopropyl Ether (DIPE)	ND	0.5	0.08	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	0.06	ug/L
tert-Butyl Alcohol (TBA)	ND	10	5.2	ug/L
Methyl tert-Amyl Ether (TAME)	ND	0.5	0.1	ug/L

Surrogate	%REC	Limits
Dibromofluoromethane	98	70-140
1,2-Dichloroethane-d4	98	70-140
Toluene-d8	100	70-140
Bromofluorobenzene	100	70-140

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5030B

Lab ID: QC976921 **Batch#:** 285375 **Analysis:** EPA 8260B

Matrix: Water **Analyzed:** 03/11/22 **Analyst:** TCN

Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	50.13	100	70-135	ug/L
MTBE	50.00	48.01	96	70-130	ug/L
Benzene	50.00	53.44	107	70-130	ug/L
Trichloroethene	50.00	54.70	109	70-130	ug/L
Toluene	50.00	53.65	107	70-130	ug/L
Chlorobenzene	50.00	54.07	108	70-130	ug/L

Surrogate	%REC	Limits
Dibromofluoromethane	99	70-140
1,2-Dichloroethane-d4	95	70-140
Toluene-d8	102	70-140
Bromofluorobenzene	102	70-140

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5030B

Lab ID: QC976922 **Batch#:** 285375 **Analysis:** EPA 8260B

Matrix: Water **Analyzed:** 03/11/22 **Analyst:** TCN

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	50.00	46.96	94	70-135	ug/L	7	30
MTBE	50.00	44.61	89	70-130	ug/L	7	30
Benzene	50.00	49.79	100	70-130	ug/L	7	30
Trichloroethene	50.00	49.18	98	70-130	ug/L	11	30
Toluene	50.00	48.36	97	70-130	ug/L	10	30
Chlorobenzene	50.00	48.46	97	70-130	ug/L	11	30

Surrogate	%REC	Limits
Dibromofluoromethane	99	70-140
1,2-Dichloroethane-d4	95	70-140
Toluene-d8	100	70-140
Bromofluorobenzene	101	70-140

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Dil Fac:** 0.7692 **Prep:** EPA 5035

Lab ID: 459596-001 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 14% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.5	0.4	ug/Kg
Chloromethane	ND	4.5	0.3	ug/Kg
Vinyl Chloride	ND	4.5	0.4	ug/Kg
Bromomethane	ND	4.5	0.3	ug/Kg
Chloroethane	ND	4.5	0.3	ug/Kg
Trichlorofluoromethane	ND	4.5	0.3	ug/Kg
Acetone	ND	180	22	ug/Kg
Freon 113	ND	4.5	0.7	ug/Kg
1,1-Dichloroethene	ND	4.5	0.2	ug/Kg
Methylene Chloride	ND	22	0.6	ug/Kg
MTBE	ND	4.5	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.5	0.3	ug/Kg
1,1-Dichloroethane	ND	4.5	0.4	ug/Kg
2-Butanone	ND	89	2.9	ug/Kg
cis-1,2-Dichloroethene	ND	4.5	0.5	ug/Kg
2,2-Dichloropropane	ND	4.5	0.5	ug/Kg
Chloroform	ND	4.5	0.3	ug/Kg
Bromochloromethane	ND	4.5	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.5	0.4	ug/Kg
1,1-Dichloropropene	ND	4.5	0.4	ug/Kg
Carbon Tetrachloride	ND	4.5	0.3	ug/Kg
1,2-Dichloroethane	ND	4.5	0.4	ug/Kg
Benzene	ND	4.5	0.2	ug/Kg
Trichloroethene	ND	4.5	0.5	ug/Kg
1,2-Dichloropropane	ND	4.5	0.5	ug/Kg
Bromodichloromethane	ND	4.5	0.4	ug/Kg
Dibromomethane	ND	4.5	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.5	1.7	ug/Kg
cis-1,3-Dichloropropene	ND	4.5	0.3	ug/Kg
Toluene	ND	4.5	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.5	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.5	0.5	ug/Kg
1,3-Dichloropropane	ND	4.5	0.4	ug/Kg
Tetrachloroethene	ND	4.5	0.5	ug/Kg
Dibromochloromethane	ND	4.5	0.3	ug/Kg
1,2-Dibromoethane	ND	4.5	0.5	ug/Kg
Chlorobenzene	ND	4.5	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.5	0.4	ug/Kg
Ethylbenzene	ND	4.5	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	8.9	0.7	ug/Kg
o-Xylene	ND	4.5	0.3	ug/Kg
Styrene	ND	4.5	0.4	ug/Kg
Bromoform	ND	4.5	0.4	ug/Kg
Isopropylbenzene	ND	4.5	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.5	0.3	ug/Kg
1,2,3-Trichloropropane	ND	4.5	0.7	ug/Kg
Propylbenzene	ND	4.5	0.3	ug/Kg
Bromobenzene	ND	4.5	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.5	0.4	ug/Kg
2-Chlorotoluene	ND	4.5	0.4	ug/Kg
4-Chlorotoluene	ND	4.5	0.5	ug/Kg
tert-Butylbenzene	ND	4.5	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.5	0.4	ug/Kg
sec-Butylbenzene	ND	4.5	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.5	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.5	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.5	0.4	ug/Kg
n-Butylbenzene	ND	4.5	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.5	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.5	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.5	0.8	ug/Kg
Hexachlorobutadiene	ND	4.5	0.5	ug/Kg
Naphthalene	ND	4.5	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.5	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	95	70-145
1,2-Dichloroethane-d4	94	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	101	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-10-031022-BRIONES **Dil Fac:** 0.8065 **Prep:** EPA 5035

Lab ID: 459596-002 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 14% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.7	0.4	ug/Kg
Chloromethane	ND	4.7	0.3	ug/Kg
Vinyl Chloride	ND	4.7	0.4	ug/Kg
Bromomethane	ND	4.7	0.3	ug/Kg
Chloroethane	ND	4.7	0.3	ug/Kg
Trichlorofluoromethane	ND	4.7	0.3	ug/Kg
Acetone	ND	190	23	ug/Kg
Freon 113	ND	4.7	0.7	ug/Kg
1,1-Dichloroethene	ND	4.7	0.2	ug/Kg
Methylene Chloride	ND	23	0.6	ug/Kg
MTBE	ND	4.7	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.7	0.3	ug/Kg
1,1-Dichloroethane	ND	4.7	0.4	ug/Kg
2-Butanone	ND	94	3.0	ug/Kg
cis-1,2-Dichloroethene	ND	4.7	0.5	ug/Kg
2,2-Dichloropropane	ND	4.7	0.5	ug/Kg
Chloroform	ND	4.7	0.3	ug/Kg
Bromochloromethane	ND	4.7	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.7	0.4	ug/Kg
1,1-Dichloropropene	ND	4.7	0.4	ug/Kg
Carbon Tetrachloride	ND	4.7	0.3	ug/Kg
1,2-Dichloroethane	ND	4.7	0.5	ug/Kg
Benzene	ND	4.7	0.2	ug/Kg
Trichloroethene	ND	4.7	0.5	ug/Kg
1,2-Dichloropropane	ND	4.7	0.5	ug/Kg
Bromodichloromethane	ND	4.7	0.5	ug/Kg
Dibromomethane	ND	4.7	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.7	1.8	ug/Kg
cis-1,3-Dichloropropene	ND	4.7	0.3	ug/Kg
Toluene	ND	4.7	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.7	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.7	0.5	ug/Kg
1,3-Dichloropropane	ND	4.7	0.4	ug/Kg
Tetrachloroethene	ND	4.7	0.5	ug/Kg
Dibromochloromethane	ND	4.7	0.4	ug/Kg
1,2-Dibromoethane	ND	4.7	0.5	ug/Kg
Chlorobenzene	ND	4.7	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.7	0.5	ug/Kg
Ethylbenzene	ND	4.7	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.4	0.8	ug/Kg
o-Xylene	ND	4.7	0.3	ug/Kg
Styrene	ND	4.7	0.4	ug/Kg
Bromoform	ND	4.7	0.5	ug/Kg
Isopropylbenzene	ND	4.7	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.7	0.4	ug/Kg
1,2,3-Trichloropropane	ND	4.7	0.7	ug/Kg
Propylbenzene	ND	4.7	0.4	ug/Kg
Bromobenzene	ND	4.7	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.7	0.4	ug/Kg
2-Chlorotoluene	ND	4.7	0.4	ug/Kg
4-Chlorotoluene	ND	4.7	0.5	ug/Kg
tert-Butylbenzene	ND	4.7	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.7	0.4	ug/Kg
sec-Butylbenzene	ND	4.7	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.7	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.7	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.7	0.4	ug/Kg
n-Butylbenzene	ND	4.7	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.7	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.7	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.7	0.8	ug/Kg
Hexachlorobutadiene	ND	4.7	0.6	ug/Kg
Naphthalene	ND	4.7	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.7	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	95	70-145
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	106	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP91-5-031022-BRIONES **Dil Fac:** 0.7692 **Prep:** EPA 5035

Lab ID: 459596-003 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 16% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.6	0.4	ug/Kg
Chloromethane	ND	4.6	0.3	ug/Kg
Vinyl Chloride	ND	4.6	0.4	ug/Kg
Bromomethane	ND	4.6	0.3	ug/Kg
Chloroethane	ND	4.6	0.3	ug/Kg
Trichlorofluoromethane	ND	4.6	0.3	ug/Kg
Acetone	ND	180	23	ug/Kg
Freon 113	ND	4.6	0.7	ug/Kg
1,1-Dichloroethene	ND	4.6	0.2	ug/Kg
Methylene Chloride	ND	23	0.6	ug/Kg
MTBE	ND	4.6	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.6	0.3	ug/Kg
1,1-Dichloroethane	ND	4.6	0.4	ug/Kg
2-Butanone	ND	92	2.9	ug/Kg
cis-1,2-Dichloroethene	ND	4.6	0.5	ug/Kg
2,2-Dichloropropane	ND	4.6	0.5	ug/Kg
Chloroform	ND	4.6	0.3	ug/Kg
Bromochloromethane	ND	4.6	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.6	0.4	ug/Kg
1,1-Dichloropropene	ND	4.6	0.4	ug/Kg
Carbon Tetrachloride	ND	4.6	0.3	ug/Kg
1,2-Dichloroethane	ND	4.6	0.4	ug/Kg
Benzene	ND	4.6	0.2	ug/Kg
Trichloroethene	ND	4.6	0.5	ug/Kg
1,2-Dichloropropane	ND	4.6	0.5	ug/Kg
Bromodichloromethane	ND	4.6	0.5	ug/Kg
Dibromomethane	ND	4.6	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.6	1.7	ug/Kg
cis-1,3-Dichloropropene	ND	4.6	0.3	ug/Kg
Toluene	ND	4.6	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.6	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.6	0.5	ug/Kg
1,3-Dichloropropane	ND	4.6	0.4	ug/Kg
Tetrachloroethene	ND	4.6	0.5	ug/Kg
Dibromochloromethane	ND	4.6	0.3	ug/Kg
1,2-Dibromoethane	ND	4.6	0.5	ug/Kg
Chlorobenzene	ND	4.6	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.6	0.4	ug/Kg
Ethylbenzene	ND	4.6	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.2	0.8	ug/Kg
o-Xylene	ND	4.6	0.3	ug/Kg
Styrene	ND	4.6	0.4	ug/Kg
Bromoform	ND	4.6	0.5	ug/Kg
Isopropylbenzene	ND	4.6	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.6	0.3	ug/Kg
1,2,3-Trichloropropane	ND	4.6	0.7	ug/Kg
Propylbenzene	ND	4.6	0.3	ug/Kg
Bromobenzene	ND	4.6	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.6	0.4	ug/Kg
2-Chlorotoluene	ND	4.6	0.4	ug/Kg
4-Chlorotoluene	ND	4.6	0.5	ug/Kg
tert-Butylbenzene	ND	4.6	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.6	0.4	ug/Kg
sec-Butylbenzene	ND	4.6	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.6	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.6	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.6	0.4	ug/Kg
n-Butylbenzene	ND	4.6	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.6	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.6	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.6	0.8	ug/Kg
Hexachlorobutadiene	ND	4.6	0.5	ug/Kg
Naphthalene	ND	4.6	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.6	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	94	70-145
1,2-Dichloroethane-d4	99	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	107	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP91-10-031022-BRIONES **Diln Fac:** 1.042 **Prep:** EPA 5035

Lab ID: 459596-004 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 9% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	5.7	0.5	ug/Kg
Chloromethane	ND	5.7	0.4	ug/Kg
Vinyl Chloride	ND	5.7	0.5	ug/Kg
Bromomethane	ND	5.7	0.3	ug/Kg
Chloroethane	ND	5.7	0.4	ug/Kg
Trichlorofluoromethane	ND	5.7	0.3	ug/Kg
Acetone	ND	230	29	ug/Kg
Freon 113	ND	5.7	0.8	ug/Kg
1,1-Dichloroethene	ND	5.7	0.2	ug/Kg
Methylene Chloride	ND	29	0.8	ug/Kg
MTBE	ND	5.7	0.5	ug/Kg
trans-1,2-Dichloroethene	ND	5.7	0.4	ug/Kg
1,1-Dichloroethane	ND	5.7	0.5	ug/Kg
2-Butanone	ND	110	3.7	ug/Kg
cis-1,2-Dichloroethene	ND	5.7	0.6	ug/Kg
2,2-Dichloropropane	ND	5.7	0.6	ug/Kg
Chloroform	ND	5.7	0.4	ug/Kg
Bromochloromethane	ND	5.7	0.4	ug/Kg
1,1,1-Trichloroethane	ND	5.7	0.5	ug/Kg
1,1-Dichloropropene	ND	5.7	0.5	ug/Kg
Carbon Tetrachloride	ND	5.7	0.4	ug/Kg
1,2-Dichloroethane	ND	5.7	0.5	ug/Kg
Benzene	ND	5.7	0.2	ug/Kg
Trichloroethene	ND	5.7	0.6	ug/Kg
1,2-Dichloropropane	ND	5.7	0.6	ug/Kg
Bromodichloromethane	ND	5.7	0.6	ug/Kg
Dibromomethane	ND	5.7	0.6	ug/Kg
4-Methyl-2-Pentanone	ND	5.7	2.2	ug/Kg
cis-1,3-Dichloropropene	ND	5.7	0.3	ug/Kg
Toluene	ND	5.7	0.5	ug/Kg
trans-1,3-Dichloropropene	ND	5.7	0.5	ug/Kg
1,1,2-Trichloroethane	ND	5.7	0.7	ug/Kg
1,3-Dichloropropane	ND	5.7	0.5	ug/Kg
Tetrachloroethene	ND	5.7	0.7	ug/Kg
Dibromochloromethane	ND	5.7	0.4	ug/Kg
1,2-Dibromoethane	ND	5.7	0.6	ug/Kg
Chlorobenzene	ND	5.7	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.7	0.5	ug/Kg
Ethylbenzene	ND	5.7	0.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	11	1.0	ug/Kg
o-Xylene	ND	5.7	0.4	ug/Kg
Styrene	ND	5.7	0.5	ug/Kg
Bromoform	ND	5.7	0.6	ug/Kg
Isopropylbenzene	ND	5.7	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.7	0.4	ug/Kg
1,2,3-Trichloropropane	ND	5.7	0.8	ug/Kg
Propylbenzene	ND	5.7	0.4	ug/Kg
Bromobenzene	ND	5.7	0.4	ug/Kg
1,3,5-Trimethylbenzene	ND	5.7	0.5	ug/Kg
2-Chlorotoluene	ND	5.7	0.5	ug/Kg
4-Chlorotoluene	ND	5.7	0.6	ug/Kg
tert-Butylbenzene	ND	5.7	0.4	ug/Kg
1,2,4-Trimethylbenzene	ND	5.7	0.5	ug/Kg
sec-Butylbenzene	ND	5.7	0.5	ug/Kg
para-Isopropyl Toluene	ND	5.7	0.6	ug/Kg
1,3-Dichlorobenzene	ND	5.7	0.5	ug/Kg
1,4-Dichlorobenzene	ND	5.7	0.5	ug/Kg
n-Butylbenzene	ND	5.7	0.8	ug/Kg
1,2-Dichlorobenzene	ND	5.7	0.6	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.7	0.7	ug/Kg
1,2,4-Trichlorobenzene	ND	5.7	1.0	ug/Kg
Hexachlorobutadiene	ND	5.7	0.7	ug/Kg
Naphthalene	ND	5.7	1.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.7	0.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	94	70-145
1,2-Dichloroethane-d4	97	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	103	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP191-10-031022-BRIONES **Diln Fac:** 1.042 **Prep:** EPA 5035

Lab ID: 459596-005 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 10% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	5.8	0.5	ug/Kg
Chloromethane	ND	5.8	0.4	ug/Kg
Vinyl Chloride	ND	5.8	0.5	ug/Kg
Bromomethane	ND	5.8	0.3	ug/Kg
Chloroethane	ND	5.8	0.4	ug/Kg
Trichlorofluoromethane	ND	5.8	0.3	ug/Kg
Acetone	ND	230	29	ug/Kg
Freon 113	ND	5.8	0.9	ug/Kg
1,1-Dichloroethene	ND	5.8	0.2	ug/Kg
Methylene Chloride	ND	29	0.8	ug/Kg
MTBE	ND	5.8	0.5	ug/Kg
trans-1,2-Dichloroethene	ND	5.8	0.4	ug/Kg
1,1-Dichloroethane	ND	5.8	0.5	ug/Kg
2-Butanone	ND	120	3.7	ug/Kg
cis-1,2-Dichloroethene	ND	5.8	0.6	ug/Kg
2,2-Dichloropropane	ND	5.8	0.6	ug/Kg
Chloroform	ND	5.8	0.4	ug/Kg
Bromochloromethane	ND	5.8	0.4	ug/Kg
1,1,1-Trichloroethane	ND	5.8	0.5	ug/Kg
1,1-Dichloropropene	ND	5.8	0.5	ug/Kg
Carbon Tetrachloride	ND	5.8	0.4	ug/Kg
1,2-Dichloroethane	ND	5.8	0.6	ug/Kg
Benzene	ND	5.8	0.2	ug/Kg
Trichloroethene	ND	5.8	0.6	ug/Kg
1,2-Dichloropropane	ND	5.8	0.6	ug/Kg
Bromodichloromethane	ND	5.8	0.6	ug/Kg
Dibromomethane	ND	5.8	0.6	ug/Kg
4-Methyl-2-Pentanone	ND	5.8	2.2	ug/Kg
cis-1,3-Dichloropropene	ND	5.8	0.3	ug/Kg
Toluene	ND	5.8	0.5	ug/Kg
trans-1,3-Dichloropropene	ND	5.8	0.5	ug/Kg
1,1,2-Trichloroethane	ND	5.8	0.7	ug/Kg
1,3-Dichloropropane	ND	5.8	0.5	ug/Kg
Tetrachloroethene	ND	5.8	0.7	ug/Kg
Dibromochloromethane	ND	5.8	0.4	ug/Kg
1,2-Dibromoethane	ND	5.8	0.6	ug/Kg
Chlorobenzene	ND	5.8	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.8	0.6	ug/Kg
Ethylbenzene	ND	5.8	0.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	12	1.0	ug/Kg
o-Xylene	ND	5.8	0.4	ug/Kg
Styrene	ND	5.8	0.5	ug/Kg
Bromoform	ND	5.8	0.6	ug/Kg
Isopropylbenzene	ND	5.8	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.8	0.4	ug/Kg
1,2,3-Trichloropropane	ND	5.8	0.8	ug/Kg
Propylbenzene	ND	5.8	0.4	ug/Kg
Bromobenzene	ND	5.8	0.4	ug/Kg
1,3,5-Trimethylbenzene	ND	5.8	0.5	ug/Kg
2-Chlorotoluene	ND	5.8	0.5	ug/Kg
4-Chlorotoluene	ND	5.8	0.6	ug/Kg
tert-Butylbenzene	ND	5.8	0.4	ug/Kg
1,2,4-Trimethylbenzene	ND	5.8	0.5	ug/Kg
sec-Butylbenzene	ND	5.8	0.5	ug/Kg
para-Isopropyl Toluene	ND	5.8	0.6	ug/Kg
1,3-Dichlorobenzene	ND	5.8	0.5	ug/Kg
1,4-Dichlorobenzene	ND	5.8	0.5	ug/Kg
n-Butylbenzene	ND	5.8	0.8	ug/Kg
1,2-Dichlorobenzene	ND	5.8	0.6	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.8	0.7	ug/Kg
1,2,4-Trichlorobenzene	ND	5.8	1.0	ug/Kg
Hexachlorobutadiene	ND	5.8	0.7	ug/Kg
Naphthalene	ND	5.8	1.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.8	0.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	70-145
1,2-Dichloroethane-d4	91	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	106	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-5-031022-BRIONES **Dil Fac:** 0.7813 **Prep:** EPA 5035

Lab ID: 459596-006 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 12% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.4	0.4	ug/Kg
Chloromethane	ND	4.4	0.3	ug/Kg
Vinyl Chloride	ND	4.4	0.4	ug/Kg
Bromomethane	ND	4.4	0.3	ug/Kg
Chloroethane	ND	4.4	0.3	ug/Kg
Trichlorofluoromethane	ND	4.4	0.2	ug/Kg
Acetone	ND	180	22	ug/Kg
Freon 113	ND	4.4	0.7	ug/Kg
1,1-Dichloroethene	ND	4.4	0.2	ug/Kg
Methylene Chloride	ND	22	0.6	ug/Kg
MTBE	ND	4.4	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.4	0.3	ug/Kg
1,1-Dichloroethane	ND	4.4	0.4	ug/Kg
2-Butanone	ND	89	2.8	ug/Kg
cis-1,2-Dichloroethene	ND	4.4	0.5	ug/Kg
2,2-Dichloropropane	ND	4.4	0.5	ug/Kg
Chloroform	ND	4.4	0.3	ug/Kg
Bromochloromethane	ND	4.4	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.4	0.4	ug/Kg
1,1-Dichloropropene	ND	4.4	0.4	ug/Kg
Carbon Tetrachloride	ND	4.4	0.3	ug/Kg
1,2-Dichloroethane	ND	4.4	0.4	ug/Kg
Benzene	ND	4.4	0.2	ug/Kg
Trichloroethene	ND	4.4	0.5	ug/Kg
1,2-Dichloropropane	ND	4.4	0.5	ug/Kg
Bromodichloromethane	ND	4.4	0.4	ug/Kg
Dibromomethane	ND	4.4	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.4	1.7	ug/Kg
cis-1,3-Dichloropropene	ND	4.4	0.3	ug/Kg
Toluene	ND	4.4	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.4	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.4	0.5	ug/Kg
1,3-Dichloropropane	ND	4.4	0.4	ug/Kg
Tetrachloroethene	ND	4.4	0.5	ug/Kg
Dibromochloromethane	ND	4.4	0.3	ug/Kg
1,2-Dibromoethane	ND	4.4	0.5	ug/Kg
Chlorobenzene	ND	4.4	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.4	0.4	ug/Kg
Ethylbenzene	ND	4.4	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	8.9	0.7	ug/Kg
o-Xylene	ND	4.4	0.3	ug/Kg
Styrene	ND	4.4	0.4	ug/Kg
Bromoform	ND	4.4	0.4	ug/Kg
Isopropylbenzene	ND	4.4	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.4	0.3	ug/Kg
1,2,3-Trichloropropane	ND	4.4	0.6	ug/Kg
Propylbenzene	ND	4.4	0.3	ug/Kg
Bromobenzene	ND	4.4	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.4	0.4	ug/Kg
2-Chlorotoluene	ND	4.4	0.4	ug/Kg
4-Chlorotoluene	ND	4.4	0.5	ug/Kg
tert-Butylbenzene	ND	4.4	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.4	0.4	ug/Kg
sec-Butylbenzene	ND	4.4	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.4	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.4	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.4	0.4	ug/Kg
n-Butylbenzene	ND	4.4	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.4	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.4	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.4	0.8	ug/Kg
Hexachlorobutadiene	ND	4.4	0.5	ug/Kg
Naphthalene	ND	4.4	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.4	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	96	70-145
1,2-Dichloroethane-d4	97	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	107	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-10-031022-BRIONES **Dil Fac:** 0.7937 **Prep:** EPA 5035

Lab ID: 459596-007 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 13% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.6	0.4	ug/Kg
Chloromethane	ND	4.6	0.3	ug/Kg
Vinyl Chloride	ND	4.6	0.4	ug/Kg
Bromomethane	ND	4.6	0.3	ug/Kg
Chloroethane	ND	4.6	0.3	ug/Kg
Trichlorofluoromethane	ND	4.6	0.3	ug/Kg
Acetone	ND	180	23	ug/Kg
Freon 113	ND	4.6	0.7	ug/Kg
1,1-Dichloroethene	ND	4.6	0.2	ug/Kg
Methylene Chloride	ND	23	0.6	ug/Kg
MTBE	ND	4.6	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.6	0.3	ug/Kg
1,1-Dichloroethane	ND	4.6	0.4	ug/Kg
2-Butanone	ND	91	2.9	ug/Kg
cis-1,2-Dichloroethene	ND	4.6	0.5	ug/Kg
2,2-Dichloropropane	ND	4.6	0.5	ug/Kg
Chloroform	ND	4.6	0.3	ug/Kg
Bromochloromethane	ND	4.6	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.6	0.4	ug/Kg
1,1-Dichloropropene	ND	4.6	0.4	ug/Kg
Carbon Tetrachloride	ND	4.6	0.3	ug/Kg
1,2-Dichloroethane	ND	4.6	0.4	ug/Kg
Benzene	ND	4.6	0.2	ug/Kg
Trichloroethene	ND	4.6	0.5	ug/Kg
1,2-Dichloropropane	ND	4.6	0.5	ug/Kg
Bromodichloromethane	ND	4.6	0.5	ug/Kg
Dibromomethane	ND	4.6	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.6	1.7	ug/Kg
cis-1,3-Dichloropropene	ND	4.6	0.3	ug/Kg
Toluene	ND	4.6	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.6	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.6	0.5	ug/Kg
1,3-Dichloropropane	ND	4.6	0.4	ug/Kg
Tetrachloroethene	ND	4.6	0.5	ug/Kg
Dibromochloromethane	ND	4.6	0.3	ug/Kg
1,2-Dibromoethane	ND	4.6	0.5	ug/Kg
Chlorobenzene	ND	4.6	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.6	0.4	ug/Kg
Ethylbenzene	ND	4.6	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.1	0.8	ug/Kg
o-Xylene	ND	4.6	0.3	ug/Kg
Styrene	ND	4.6	0.4	ug/Kg
Bromoform	ND	4.6	0.5	ug/Kg
Isopropylbenzene	ND	4.6	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.6	0.3	ug/Kg
1,2,3-Trichloropropane	ND	4.6	0.7	ug/Kg
Propylbenzene	ND	4.6	0.3	ug/Kg
Bromobenzene	ND	4.6	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.6	0.4	ug/Kg
2-Chlorotoluene	ND	4.6	0.4	ug/Kg
4-Chlorotoluene	ND	4.6	0.5	ug/Kg
tert-Butylbenzene	ND	4.6	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.6	0.4	ug/Kg
sec-Butylbenzene	ND	4.6	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.6	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.6	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.6	0.4	ug/Kg
n-Butylbenzene	ND	4.6	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.6	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.6	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.6	0.8	ug/Kg
Hexachlorobutadiene	ND	4.6	0.5	ug/Kg
Naphthalene	ND	4.6	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.6	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	92	70-145
1,2-Dichloroethane-d4	99	70-145
Toluene-d8	96	70-145
Bromofluorobenzene	97	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP94-5-031022-BRIONES **Dil Fac:** 1.020 **Prep:** EPA 5035

Lab ID: 459596-008 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 8% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	5.5	0.5	ug/Kg
Chloromethane	ND	5.5	0.4	ug/Kg
Vinyl Chloride	ND	5.5	0.5	ug/Kg
Bromomethane	ND	5.5	0.3	ug/Kg
Chloroethane	ND	5.5	0.4	ug/Kg
Trichlorofluoromethane	ND	5.5	0.3	ug/Kg
Acetone	ND	220	28	ug/Kg
Freon 113	ND	5.5	0.8	ug/Kg
1,1-Dichloroethene	ND	5.5	0.2	ug/Kg
Methylene Chloride	ND	28	0.7	ug/Kg
MTBE	ND	5.5	0.5	ug/Kg
trans-1,2-Dichloroethene	ND	5.5	0.4	ug/Kg
1,1-Dichloroethane	ND	5.5	0.4	ug/Kg
2-Butanone	ND	110	3.5	ug/Kg
cis-1,2-Dichloroethene	ND	5.5	0.6	ug/Kg
2,2-Dichloropropane	ND	5.5	0.6	ug/Kg
Chloroform	ND	5.5	0.4	ug/Kg
Bromochloromethane	ND	5.5	0.4	ug/Kg
1,1,1-Trichloroethane	ND	5.5	0.5	ug/Kg
1,1-Dichloropropene	ND	5.5	0.5	ug/Kg
Carbon Tetrachloride	ND	5.5	0.4	ug/Kg
1,2-Dichloroethane	ND	5.5	0.5	ug/Kg
Benzene	ND	5.5	0.2	ug/Kg
Trichloroethene	ND	5.5	0.6	ug/Kg
1,2-Dichloropropane	ND	5.5	0.6	ug/Kg
Bromodichloromethane	ND	5.5	0.6	ug/Kg
Dibromomethane	ND	5.5	0.6	ug/Kg
4-Methyl-2-Pentanone	ND	5.5	2.1	ug/Kg
cis-1,3-Dichloropropene	ND	5.5	0.3	ug/Kg
Toluene	ND	5.5	0.5	ug/Kg
trans-1,3-Dichloropropene	ND	5.5	0.4	ug/Kg
1,1,2-Trichloroethane	ND	5.5	0.6	ug/Kg
1,3-Dichloropropane	ND	5.5	0.5	ug/Kg
Tetrachloroethene	ND	5.5	0.6	ug/Kg
Dibromochloromethane	ND	5.5	0.4	ug/Kg
1,2-Dibromoethane	ND	5.5	0.6	ug/Kg
Chlorobenzene	ND	5.5	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.5	0.5	ug/Kg
Ethylbenzene	ND	5.5	0.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	11	0.9	ug/Kg
o-Xylene	ND	5.5	0.3	ug/Kg
Styrene	ND	5.5	0.5	ug/Kg
Bromoform	ND	5.5	0.6	ug/Kg
Isopropylbenzene	ND	5.5	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.5	0.4	ug/Kg
1,2,3-Trichloropropane	ND	5.5	0.8	ug/Kg
Propylbenzene	ND	5.5	0.4	ug/Kg
Bromobenzene	ND	5.5	0.4	ug/Kg
1,3,5-Trimethylbenzene	ND	5.5	0.4	ug/Kg
2-Chlorotoluene	ND	5.5	0.5	ug/Kg
4-Chlorotoluene	ND	5.5	0.6	ug/Kg
tert-Butylbenzene	ND	5.5	0.4	ug/Kg
1,2,4-Trimethylbenzene	ND	5.5	0.5	ug/Kg
sec-Butylbenzene	ND	5.5	0.5	ug/Kg
para-Isopropyl Toluene	ND	5.5	0.6	ug/Kg
1,3-Dichlorobenzene	ND	5.5	0.5	ug/Kg
1,4-Dichlorobenzene	ND	5.5	0.5	ug/Kg
n-Butylbenzene	ND	5.5	0.7	ug/Kg
1,2-Dichlorobenzene	ND	5.5	0.6	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.5	0.7	ug/Kg
1,2,4-Trichlorobenzene	ND	5.5	1.0	ug/Kg
Hexachlorobutadiene	ND	5.5	0.7	ug/Kg
Naphthalene	ND	5.5	1.0	ug/Kg
1,2,3-Trichlorobenzene	ND	5.5	0.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	98	70-145
1,2-Dichloroethane-d4	100	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	102	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP94-10-031022-BRIONES **Dil Fac:** 0.9804 **Prep:** EPA 5035

Lab ID: 459596-009 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 11% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	5.5	0.5	ug/Kg
Chloromethane	ND	5.5	0.4	ug/Kg
Vinyl Chloride	ND	5.5	0.5	ug/Kg
Bromomethane	ND	5.5	0.3	ug/Kg
Chloroethane	ND	5.5	0.4	ug/Kg
Trichlorofluoromethane	ND	5.5	0.3	ug/Kg
Acetone	ND	220	28	ug/Kg
Freon 113	ND	5.5	0.8	ug/Kg
1,1-Dichloroethene	ND	5.5	0.2	ug/Kg
Methylene Chloride	ND	28	0.7	ug/Kg
MTBE	ND	5.5	0.5	ug/Kg
trans-1,2-Dichloroethene	ND	5.5	0.4	ug/Kg
1,1-Dichloroethane	ND	5.5	0.4	ug/Kg
2-Butanone	ND	110	3.5	ug/Kg
cis-1,2-Dichloroethene	ND	5.5	0.6	ug/Kg
2,2-Dichloropropane	ND	5.5	0.6	ug/Kg
Chloroform	ND	5.5	0.4	ug/Kg
Bromochloromethane	ND	5.5	0.4	ug/Kg
1,1,1-Trichloroethane	ND	5.5	0.5	ug/Kg
1,1-Dichloropropene	ND	5.5	0.5	ug/Kg
Carbon Tetrachloride	ND	5.5	0.4	ug/Kg
1,2-Dichloroethane	ND	5.5	0.5	ug/Kg
Benzene	ND	5.5	0.2	ug/Kg
Trichloroethene	ND	5.5	0.6	ug/Kg
1,2-Dichloropropane	ND	5.5	0.6	ug/Kg
Bromodichloromethane	ND	5.5	0.6	ug/Kg
Dibromomethane	ND	5.5	0.6	ug/Kg
4-Methyl-2-Pentanone	ND	5.5	2.1	ug/Kg
cis-1,3-Dichloropropene	ND	5.5	0.3	ug/Kg
Toluene	ND	5.5	0.5	ug/Kg
trans-1,3-Dichloropropene	ND	5.5	0.4	ug/Kg
1,1,2-Trichloroethane	ND	5.5	0.6	ug/Kg
1,3-Dichloropropane	ND	5.5	0.5	ug/Kg
Tetrachloroethene	ND	5.5	0.6	ug/Kg
Dibromochloromethane	ND	5.5	0.4	ug/Kg
1,2-Dibromoethane	ND	5.5	0.6	ug/Kg
Chlorobenzene	ND	5.5	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.5	0.5	ug/Kg
Ethylbenzene	ND	5.5	0.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	11	0.9	ug/Kg
o-Xylene	ND	5.5	0.3	ug/Kg
Styrene	ND	5.5	0.5	ug/Kg
Bromoform	ND	5.5	0.6	ug/Kg
Isopropylbenzene	ND	5.5	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.5	0.4	ug/Kg
1,2,3-Trichloropropane	ND	5.5	0.8	ug/Kg
Propylbenzene	ND	5.5	0.4	ug/Kg
Bromobenzene	ND	5.5	0.4	ug/Kg
1,3,5-Trimethylbenzene	ND	5.5	0.4	ug/Kg
2-Chlorotoluene	ND	5.5	0.5	ug/Kg
4-Chlorotoluene	ND	5.5	0.6	ug/Kg
tert-Butylbenzene	ND	5.5	0.4	ug/Kg
1,2,4-Trimethylbenzene	ND	5.5	0.5	ug/Kg
sec-Butylbenzene	ND	5.5	0.5	ug/Kg
para-Isopropyl Toluene	ND	5.5	0.6	ug/Kg
1,3-Dichlorobenzene	ND	5.5	0.5	ug/Kg
1,4-Dichlorobenzene	ND	5.5	0.5	ug/Kg
n-Butylbenzene	ND	5.5	0.7	ug/Kg
1,2-Dichlorobenzene	ND	5.5	0.6	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.5	0.7	ug/Kg
1,2,4-Trichlorobenzene	ND	5.5	1.0	ug/Kg
Hexachlorobutadiene	ND	5.5	0.7	ug/Kg
Naphthalene	ND	5.5	0.9	ug/Kg
1,2,3-Trichlorobenzene	ND	5.5	0.6	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	100	70-145
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	96	70-145
Bromofluorobenzene	106	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP97-5-031022-BRIONES **Dil Fac:** 0.9091 **Prep:** EPA 5035

Lab ID: 459596-010 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 10% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	5.1	0.4	ug/Kg
Chloromethane	ND	5.1	0.4	ug/Kg
Vinyl Chloride	ND	5.1	0.4	ug/Kg
Bromomethane	ND	5.1	0.3	ug/Kg
Chloroethane	ND	5.1	0.3	ug/Kg
Trichlorofluoromethane	ND	5.1	0.3	ug/Kg
Acetone	ND	200	25	ug/Kg
Freon 113	ND	5.1	0.7	ug/Kg
1,1-Dichloroethene	ND	5.1	0.2	ug/Kg
Methylene Chloride	ND	25	0.7	ug/Kg
MTBE	ND	5.1	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	5.1	0.4	ug/Kg
1,1-Dichloroethane	ND	5.1	0.4	ug/Kg
2-Butanone	ND	100	3.2	ug/Kg
cis-1,2-Dichloroethene	ND	5.1	0.5	ug/Kg
2,2-Dichloropropane	ND	5.1	0.5	ug/Kg
Chloroform	ND	5.1	0.4	ug/Kg
Bromochloromethane	ND	5.1	0.4	ug/Kg
1,1,1-Trichloroethane	ND	5.1	0.5	ug/Kg
1,1-Dichloropropene	ND	5.1	0.4	ug/Kg
Carbon Tetrachloride	ND	5.1	0.3	ug/Kg
1,2-Dichloroethane	ND	5.1	0.5	ug/Kg
Benzene	ND	5.1	0.2	ug/Kg
Trichloroethene	ND	5.1	0.5	ug/Kg
1,2-Dichloropropane	ND	5.1	0.6	ug/Kg
Bromodichloromethane	ND	5.1	0.5	ug/Kg
Dibromomethane	ND	5.1	0.6	ug/Kg
4-Methyl-2-Pentanone	ND	5.1	1.9	ug/Kg
cis-1,3-Dichloropropene	ND	5.1	0.3	ug/Kg
Toluene	ND	5.1	0.5	ug/Kg
trans-1,3-Dichloropropene	ND	5.1	0.4	ug/Kg
1,1,2-Trichloroethane	ND	5.1	0.6	ug/Kg
1,3-Dichloropropane	ND	5.1	0.5	ug/Kg
Tetrachloroethene	ND	5.1	0.6	ug/Kg
Dibromochloromethane	ND	5.1	0.4	ug/Kg
1,2-Dibromoethane	ND	5.1	0.5	ug/Kg
Chlorobenzene	ND	5.1	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.1	0.5	ug/Kg
Ethylbenzene	ND	5.1	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	10	0.8	ug/Kg
o-Xylene	ND	5.1	0.3	ug/Kg
Styrene	ND	5.1	0.5	ug/Kg
Bromoform	ND	5.1	0.5	ug/Kg
Isopropylbenzene	ND	5.1	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.1	0.4	ug/Kg
1,2,3-Trichloropropane	ND	5.1	0.7	ug/Kg
Propylbenzene	ND	5.1	0.4	ug/Kg
Bromobenzene	ND	5.1	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	5.1	0.4	ug/Kg
2-Chlorotoluene	ND	5.1	0.5	ug/Kg
4-Chlorotoluene	ND	5.1	0.5	ug/Kg
tert-Butylbenzene	ND	5.1	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	5.1	0.5	ug/Kg
sec-Butylbenzene	ND	5.1	0.5	ug/Kg
para-Isopropyl Toluene	ND	5.1	0.5	ug/Kg
1,3-Dichlorobenzene	ND	5.1	0.5	ug/Kg
1,4-Dichlorobenzene	ND	5.1	0.5	ug/Kg
n-Butylbenzene	ND	5.1	0.7	ug/Kg
1,2-Dichlorobenzene	ND	5.1	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.1	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	5.1	0.9	ug/Kg
Hexachlorobutadiene	ND	5.1	0.6	ug/Kg
Naphthalene	ND	5.1	0.9	ug/Kg
1,2,3-Trichlorobenzene	ND	5.1	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	99	70-145
1,2-Dichloroethane-d4	98	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	101	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-5-031022-BRIONES **Dil Fac:** 1.111 **Prep:** EPA 5035

Lab ID: 459596-011 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 10% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	6.2	0.5	ug/Kg
Chloromethane	ND	6.2	0.4	ug/Kg
Vinyl Chloride	ND	6.2	0.5	ug/Kg
Bromomethane	ND	6.2	0.4	ug/Kg
Chloroethane	ND	6.2	0.4	ug/Kg
Trichlorofluoromethane	ND	6.2	0.3	ug/Kg
Acetone	ND	250	31	ug/Kg
Freon 113	ND	6.2	0.9	ug/Kg
1,1-Dichloroethene	ND	6.2	0.2	ug/Kg
Methylene Chloride	ND	31	0.8	ug/Kg
MTBE	ND	6.2	0.5	ug/Kg
trans-1,2-Dichloroethene	ND	6.2	0.4	ug/Kg
1,1-Dichloroethane	ND	6.2	0.5	ug/Kg
2-Butanone	ND	120	4.0	ug/Kg
cis-1,2-Dichloroethene	ND	6.2	0.7	ug/Kg
2,2-Dichloropropane	ND	6.2	0.7	ug/Kg
Chloroform	ND	6.2	0.4	ug/Kg
Bromochloromethane	ND	6.2	0.4	ug/Kg
1,1,1-Trichloroethane	ND	6.2	0.6	ug/Kg
1,1-Dichloropropene	ND	6.2	0.5	ug/Kg
Carbon Tetrachloride	ND	6.2	0.4	ug/Kg
1,2-Dichloroethane	ND	6.2	0.6	ug/Kg
Benzene	ND	6.2	0.3	ug/Kg
Trichloroethene	ND	6.2	0.7	ug/Kg
1,2-Dichloropropane	ND	6.2	0.7	ug/Kg
Bromodichloromethane	ND	6.2	0.6	ug/Kg
Dibromomethane	ND	6.2	0.7	ug/Kg
4-Methyl-2-Pentanone	ND	6.2	2.3	ug/Kg
cis-1,3-Dichloropropene	ND	6.2	0.4	ug/Kg
Toluene	ND	6.2	0.6	ug/Kg
trans-1,3-Dichloropropene	ND	6.2	0.5	ug/Kg
1,1,2-Trichloroethane	ND	6.2	0.7	ug/Kg
1,3-Dichloropropane	ND	6.2	0.6	ug/Kg
Tetrachloroethene	ND	6.2	0.7	ug/Kg
Dibromochloromethane	ND	6.2	0.5	ug/Kg
1,2-Dibromoethane	ND	6.2	0.6	ug/Kg
Chlorobenzene	ND	6.2	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	6.2	0.6	ug/Kg
Ethylbenzene	ND	6.2	0.5	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	12	1.0	ug/Kg
o-Xylene	ND	6.2	0.4	ug/Kg
Styrene	ND	6.2	0.6	ug/Kg
Bromoform	ND	6.2	0.6	ug/Kg
Isopropylbenzene	ND	6.2	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	6.2	0.5	ug/Kg
1,2,3-Trichloropropane	ND	6.2	0.9	ug/Kg
Propylbenzene	ND	6.2	0.5	ug/Kg
Bromobenzene	ND	6.2	0.4	ug/Kg
1,3,5-Trimethylbenzene	ND	6.2	0.5	ug/Kg
2-Chlorotoluene	ND	6.2	0.6	ug/Kg
4-Chlorotoluene	ND	6.2	0.6	ug/Kg
tert-Butylbenzene	ND	6.2	0.4	ug/Kg
1,2,4-Trimethylbenzene	ND	6.2	0.6	ug/Kg
sec-Butylbenzene	ND	6.2	0.6	ug/Kg
para-Isopropyl Toluene	ND	6.2	0.7	ug/Kg
1,3-Dichlorobenzene	ND	6.2	0.6	ug/Kg
1,4-Dichlorobenzene	ND	6.2	0.6	ug/Kg
n-Butylbenzene	ND	6.2	0.8	ug/Kg
1,2-Dichlorobenzene	ND	6.2	0.7	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	6.2	0.8	ug/Kg
1,2,4-Trichlorobenzene	ND	6.2	1.1	ug/Kg
Hexachlorobutadiene	ND	6.2	0.7	ug/Kg
Naphthalene	ND	6.2	1.1	ug/Kg
1,2,3-Trichlorobenzene	ND	6.2	0.7	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	97	70-145
1,2-Dichloroethane-d4	99	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	110	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-10-031022-BRIONES **Dil Fac:** 0.8475 **Prep:** EPA 5035

Lab ID: 459596-012 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 14% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	4.9	0.4	ug/Kg
Chloromethane	ND	4.9	0.4	ug/Kg
Vinyl Chloride	ND	4.9	0.4	ug/Kg
Bromomethane	ND	4.9	0.3	ug/Kg
Chloroethane	ND	4.9	0.3	ug/Kg
Trichlorofluoromethane	ND	4.9	0.3	ug/Kg
Acetone	ND	200	25	ug/Kg
Freon 113	ND	4.9	0.7	ug/Kg
1,1-Dichloroethene	ND	4.9	0.2	ug/Kg
Methylene Chloride	ND	25	0.7	ug/Kg
MTBE	ND	4.9	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.9	0.3	ug/Kg
1,1-Dichloroethane	ND	4.9	0.4	ug/Kg
2-Butanone	ND	99	3.2	ug/Kg
cis-1,2-Dichloroethene	ND	4.9	0.5	ug/Kg
2,2-Dichloropropane	ND	4.9	0.5	ug/Kg
Chloroform	ND	4.9	0.3	ug/Kg
Bromochloromethane	ND	4.9	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.9	0.4	ug/Kg
1,1-Dichloropropene	ND	4.9	0.4	ug/Kg
Carbon Tetrachloride	ND	4.9	0.3	ug/Kg
1,2-Dichloroethane	ND	4.9	0.5	ug/Kg
Benzene	ND	4.9	0.2	ug/Kg
Trichloroethene	ND	4.9	0.5	ug/Kg
1,2-Dichloropropane	ND	4.9	0.6	ug/Kg
Bromodichloromethane	ND	4.9	0.5	ug/Kg
Dibromomethane	ND	4.9	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.9	1.9	ug/Kg
cis-1,3-Dichloropropene	ND	4.9	0.3	ug/Kg
Toluene	ND	4.9	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.9	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.9	0.6	ug/Kg
1,3-Dichloropropane	ND	4.9	0.5	ug/Kg
Tetrachloroethene	ND	4.9	0.6	ug/Kg
Dibromochloromethane	ND	4.9	0.4	ug/Kg
1,2-Dibromoethane	ND	4.9	0.5	ug/Kg
Chlorobenzene	ND	4.9	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.9	0.5	ug/Kg
Ethylbenzene	ND	4.9	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.9	0.8	ug/Kg
o-Xylene	ND	4.9	0.3	ug/Kg
Styrene	ND	4.9	0.5	ug/Kg
Bromoform	ND	4.9	0.5	ug/Kg
Isopropylbenzene	ND	4.9	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.9	0.4	ug/Kg
1,2,3-Trichloropropane	ND	4.9	0.7	ug/Kg
Propylbenzene	ND	4.9	0.4	ug/Kg
Bromobenzene	ND	4.9	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.9	0.4	ug/Kg
2-Chlorotoluene	ND	4.9	0.5	ug/Kg
4-Chlorotoluene	ND	4.9	0.5	ug/Kg
tert-Butylbenzene	ND	4.9	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.9	0.4	ug/Kg
sec-Butylbenzene	ND	4.9	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.9	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.9	0.5	ug/Kg
1,4-Dichlorobenzene	ND	4.9	0.5	ug/Kg
n-Butylbenzene	ND	4.9	0.7	ug/Kg
1,2-Dichlorobenzene	ND	4.9	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.9	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.9	0.9	ug/Kg
Hexachlorobutadiene	ND	4.9	0.6	ug/Kg
Naphthalene	ND	4.9	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.9	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	99	70-145
1,2-Dichloroethane-d4	97	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	106	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP99-5-031022-BRIONES **Dil Fac:** 0.8197 **Prep:** EPA 5035

Lab ID: 459596-013 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 13% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.7	0.4	ug/Kg
Chloromethane	ND	4.7	0.3	ug/Kg
Vinyl Chloride	ND	4.7	0.4	ug/Kg
Bromomethane	ND	4.7	0.3	ug/Kg
Chloroethane	ND	4.7	0.3	ug/Kg
Trichlorofluoromethane	ND	4.7	0.3	ug/Kg
Acetone	ND	190	24	ug/Kg
Freon 113	ND	4.7	0.7	ug/Kg
1,1-Dichloroethene	ND	4.7	0.2	ug/Kg
Methylene Chloride	ND	24	0.6	ug/Kg
MTBE	ND	4.7	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.7	0.3	ug/Kg
1,1-Dichloroethane	ND	4.7	0.4	ug/Kg
2-Butanone	ND	94	3.0	ug/Kg
cis-1,2-Dichloroethene	ND	4.7	0.5	ug/Kg
2,2-Dichloropropane	ND	4.7	0.5	ug/Kg
Chloroform	ND	4.7	0.3	ug/Kg
Bromochloromethane	ND	4.7	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.7	0.4	ug/Kg
1,1-Dichloropropene	ND	4.7	0.4	ug/Kg
Carbon Tetrachloride	ND	4.7	0.3	ug/Kg
1,2-Dichloroethane	ND	4.7	0.5	ug/Kg
Benzene	ND	4.7	0.2	ug/Kg
Trichloroethene	ND	4.7	0.5	ug/Kg
1,2-Dichloropropane	ND	4.7	0.5	ug/Kg
Bromodichloromethane	ND	4.7	0.5	ug/Kg
Dibromomethane	ND	4.7	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.7	1.8	ug/Kg
cis-1,3-Dichloropropene	ND	4.7	0.3	ug/Kg
Toluene	ND	4.7	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.7	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.7	0.5	ug/Kg
1,3-Dichloropropane	ND	4.7	0.4	ug/Kg
Tetrachloroethene	ND	4.7	0.5	ug/Kg
Dibromochloromethane	ND	4.7	0.4	ug/Kg
1,2-Dibromoethane	ND	4.7	0.5	ug/Kg
Chlorobenzene	ND	4.7	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.7	0.5	ug/Kg
Ethylbenzene	ND	4.7	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.4	0.8	ug/Kg
o-Xylene	ND	4.7	0.3	ug/Kg
Styrene	ND	4.7	0.4	ug/Kg
Bromoform	ND	4.7	0.5	ug/Kg
Isopropylbenzene	ND	4.7	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.7	0.4	ug/Kg
1,2,3-Trichloropropane	ND	4.7	0.7	ug/Kg
Propylbenzene	ND	4.7	0.4	ug/Kg
Bromobenzene	ND	4.7	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.7	0.4	ug/Kg
2-Chlorotoluene	ND	4.7	0.4	ug/Kg
4-Chlorotoluene	ND	4.7	0.5	ug/Kg
tert-Butylbenzene	ND	4.7	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.7	0.4	ug/Kg
sec-Butylbenzene	ND	4.7	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.7	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.7	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.7	0.4	ug/Kg
n-Butylbenzene	ND	4.7	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.7	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.7	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.7	0.8	ug/Kg
Hexachlorobutadiene	ND	4.7	0.6	ug/Kg
Naphthalene	ND	4.7	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.7	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	100	70-145
1,2-Dichloroethane-d4	99	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	106	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP99-10-031022-BRIONES **Dil Fac:** 0.7813 **Prep:** EPA 5035

Lab ID: 459596-014 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 15% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.6	0.4	ug/Kg
Chloromethane	ND	4.6	0.3	ug/Kg
Vinyl Chloride	ND	4.6	0.4	ug/Kg
Bromomethane	ND	4.6	0.3	ug/Kg
Chloroethane	ND	4.6	0.3	ug/Kg
Trichlorofluoromethane	ND	4.6	0.3	ug/Kg
Acetone	ND	180	23	ug/Kg
Freon 113	ND	4.6	0.7	ug/Kg
1,1-Dichloroethene	ND	4.6	0.2	ug/Kg
Methylene Chloride	ND	23	0.6	ug/Kg
MTBE	ND	4.6	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.6	0.3	ug/Kg
1,1-Dichloroethane	ND	4.6	0.4	ug/Kg
2-Butanone	ND	92	2.9	ug/Kg
cis-1,2-Dichloroethene	ND	4.6	0.5	ug/Kg
2,2-Dichloropropane	ND	4.6	0.5	ug/Kg
Chloroform	ND	4.6	0.3	ug/Kg
Bromochloromethane	ND	4.6	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.6	0.4	ug/Kg
1,1-Dichloropropene	ND	4.6	0.4	ug/Kg
Carbon Tetrachloride	ND	4.6	0.3	ug/Kg
1,2-Dichloroethane	ND	4.6	0.4	ug/Kg
Benzene	ND	4.6	0.2	ug/Kg
Trichloroethene	ND	4.6	0.5	ug/Kg
1,2-Dichloropropane	ND	4.6	0.5	ug/Kg
Bromodichloromethane	ND	4.6	0.5	ug/Kg
Dibromomethane	ND	4.6	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.6	1.7	ug/Kg
cis-1,3-Dichloropropene	ND	4.6	0.3	ug/Kg
Toluene	ND	4.6	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.6	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.6	0.5	ug/Kg
1,3-Dichloropropane	ND	4.6	0.4	ug/Kg
Tetrachloroethene	ND	4.6	0.5	ug/Kg
Dibromochloromethane	ND	4.6	0.3	ug/Kg
1,2-Dibromoethane	ND	4.6	0.5	ug/Kg
Chlorobenzene	ND	4.6	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.6	0.4	ug/Kg
Ethylbenzene	ND	4.6	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.2	0.8	ug/Kg
o-Xylene	ND	4.6	0.3	ug/Kg
Styrene	ND	4.6	0.4	ug/Kg
Bromoform	ND	4.6	0.5	ug/Kg
Isopropylbenzene	ND	4.6	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.6	0.3	ug/Kg
1,2,3-Trichloropropane	ND	4.6	0.7	ug/Kg
Propylbenzene	ND	4.6	0.3	ug/Kg
Bromobenzene	ND	4.6	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.6	0.4	ug/Kg
2-Chlorotoluene	ND	4.6	0.4	ug/Kg
4-Chlorotoluene	ND	4.6	0.5	ug/Kg
tert-Butylbenzene	ND	4.6	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.6	0.4	ug/Kg
sec-Butylbenzene	ND	4.6	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.6	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.6	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.6	0.4	ug/Kg
n-Butylbenzene	ND	4.6	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.6	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.6	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.6	0.8	ug/Kg
Hexachlorobutadiene	ND	4.6	0.6	ug/Kg
Naphthalene	ND	4.6	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.6	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	100	70-145
1,2-Dichloroethane-d4	103	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	105	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP100-5-031022-BRIONES **Diln Fac:** 0.8065 **Prep:** EPA 5035

Lab ID: 459596-015 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** RAO

Basis: dry **Received:** 03/10/22

Moisture: 15% **Analyzed:** 03/12/22

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.09		mg/Kg
Freon 12	ND	4.7	0.4	ug/Kg
Chloromethane	ND	4.7	0.3	ug/Kg
Vinyl Chloride	ND	4.7	0.4	ug/Kg
Bromomethane	ND	4.7	0.3	ug/Kg
Chloroethane	ND	4.7	0.3	ug/Kg
Trichlorofluoromethane	ND	4.7	0.3	ug/Kg
Acetone	ND	190	24	ug/Kg
Freon 113	ND	4.7	0.7	ug/Kg
1,1-Dichloroethene	ND	4.7	0.2	ug/Kg
Methylene Chloride	ND	24	0.6	ug/Kg
MTBE	ND	4.7	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	4.7	0.3	ug/Kg
1,1-Dichloroethane	ND	4.7	0.4	ug/Kg
2-Butanone	ND	95	3.0	ug/Kg
cis-1,2-Dichloroethene	ND	4.7	0.5	ug/Kg
2,2-Dichloropropane	ND	4.7	0.5	ug/Kg
Chloroform	ND	4.7	0.3	ug/Kg
Bromochloromethane	ND	4.7	0.3	ug/Kg
1,1,1-Trichloroethane	ND	4.7	0.4	ug/Kg
1,1-Dichloropropene	ND	4.7	0.4	ug/Kg
Carbon Tetrachloride	ND	4.7	0.3	ug/Kg
1,2-Dichloroethane	ND	4.7	0.5	ug/Kg
Benzene	ND	4.7	0.2	ug/Kg
Trichloroethene	ND	4.7	0.5	ug/Kg
1,2-Dichloropropane	ND	4.7	0.5	ug/Kg
Bromodichloromethane	ND	4.7	0.5	ug/Kg
Dibromomethane	ND	4.7	0.5	ug/Kg
4-Methyl-2-Pentanone	ND	4.7	1.8	ug/Kg
cis-1,3-Dichloropropene	ND	4.7	0.3	ug/Kg
Toluene	ND	4.7	0.4	ug/Kg
trans-1,3-Dichloropropene	ND	4.7	0.4	ug/Kg
1,1,2-Trichloroethane	ND	4.7	0.5	ug/Kg
1,3-Dichloropropane	ND	4.7	0.4	ug/Kg
Tetrachloroethene	ND	4.7	0.6	ug/Kg
Dibromochloromethane	ND	4.7	0.4	ug/Kg
1,2-Dibromoethane	ND	4.7	0.5	ug/Kg
Chlorobenzene	ND	4.7	0.2	ug/Kg
1,1,1,2-Tetrachloroethane	ND	4.7	0.5	ug/Kg
Ethylbenzene	ND	4.7	0.4	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
m,p-Xylenes	ND	9.5	0.8	ug/Kg
o-Xylene	ND	4.7	0.3	ug/Kg
Styrene	ND	4.7	0.4	ug/Kg
Bromoform	ND	4.7	0.5	ug/Kg
Isopropylbenzene	ND	4.7	0.3	ug/Kg
1,1,2,2-Tetrachloroethane	ND	4.7	0.4	ug/Kg
1,2,3-Trichloropropane	ND	4.7	0.7	ug/Kg
Propylbenzene	ND	4.7	0.4	ug/Kg
Bromobenzene	ND	4.7	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	4.7	0.4	ug/Kg
2-Chlorotoluene	ND	4.7	0.4	ug/Kg
4-Chlorotoluene	ND	4.7	0.5	ug/Kg
tert-Butylbenzene	ND	4.7	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	4.7	0.4	ug/Kg
sec-Butylbenzene	ND	4.7	0.4	ug/Kg
para-Isopropyl Toluene	ND	4.7	0.5	ug/Kg
1,3-Dichlorobenzene	ND	4.7	0.4	ug/Kg
1,4-Dichlorobenzene	ND	4.7	0.4	ug/Kg
n-Butylbenzene	ND	4.7	0.6	ug/Kg
1,2-Dichlorobenzene	ND	4.7	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	4.7	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	4.7	0.8	ug/Kg
Hexachlorobutadiene	ND	4.7	0.6	ug/Kg
Naphthalene	ND	4.7	0.8	ug/Kg
1,2,3-Trichlorobenzene	ND	4.7	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	101	70-145
1,2-Dichloroethane-d4	101	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	108	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC977128 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 03/11/22 **Analyst:** LYZ

Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	50.00	56.04	112	70-131	ug/Kg
MTBE	50.00	54.02	108	69-130	ug/Kg
Benzene	50.00	50.87	102	70-130	ug/Kg
Trichloroethene	50.00	53.42	107	70-130	ug/Kg
Toluene	50.00	51.60	103	70-130	ug/Kg
Chlorobenzene	50.00	51.42	103	70-130	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	95	70-130
1,2-Dichloroethane-d4	87	70-145
Toluene-d8	102	70-145
Bromofluorobenzene	104	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC977129 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 03/11/22 **Analyst:** RAO

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	50.00	53.99	108	70-131	ug/Kg	4	33
MTBE	50.00	51.68	103	69-130	ug/Kg	4	30
Benzene	50.00	49.01	98	70-130	ug/Kg	4	30
Trichloroethene	50.00	51.88	104	70-130	ug/Kg	3	30
Toluene	50.00	49.24	98	70-130	ug/Kg	5	30
Chlorobenzene	50.00	49.16	98	70-130	ug/Kg	5	30

Surrogate	%REC	Limits
Dibromofluoromethane	94	70-130
1,2-Dichloroethane-d4	91	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	101	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC977130 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 03/11/22 **Analyst:** RAO

Analyte	Result	RL	MDL	Units
TPH Gasoline	ND	0.1		mg/Kg
Freon 12	ND	5.0	0.4	ug/Kg
Chloromethane	ND	5.0	0.4	ug/Kg
Vinyl Chloride	ND	5.0	0.4	ug/Kg
Bromomethane	ND	5.0	0.3	ug/Kg
Chloroethane	ND	5.0	0.3	ug/Kg
Trichlorofluoromethane	ND	5.0	0.3	ug/Kg
Acetone	ND	200	25	ug/Kg
Freon 113	ND	5.0	0.7	ug/Kg
1,1-Dichloroethene	ND	5.0	0.2	ug/Kg
Methylene Chloride	ND	25	0.7	ug/Kg
MTBE	ND	5.0	0.4	ug/Kg
trans-1,2-Dichloroethene	ND	5.0	0.4	ug/Kg
1,1-Dichloroethane	ND	5.0	0.4	ug/Kg
2-Butanone	ND	100	3.2	ug/Kg
cis-1,2-Dichloroethene	ND	5.0	0.5	ug/Kg
2,2-Dichloropropane	ND	5.0	0.5	ug/Kg
Chloroform	ND	5.0	0.4	ug/Kg
Bromochloromethane	ND	5.0	0.4	ug/Kg
1,1,1-Trichloroethane	ND	5.0	0.5	ug/Kg
1,1-Dichloropropene	ND	5.0	0.4	ug/Kg
Carbon Tetrachloride	ND	5.0	0.3	ug/Kg
1,2-Dichloroethane	ND	5.0	0.5	ug/Kg
Benzene	ND	5.0	0.2	ug/Kg
Trichloroethene	ND	5.0	0.5	ug/Kg
1,2-Dichloropropane	ND	5.0	0.6	ug/Kg
Bromodichloromethane	ND	5.0	0.5	ug/Kg
Dibromomethane	ND	5.0	0.6	ug/Kg
4-Methyl-2-Pentanone	ND	5.0	1.9	ug/Kg
cis-1,3-Dichloropropene	ND	5.0	0.3	ug/Kg
Toluene	ND	5.0	0.5	ug/Kg
trans-1,3-Dichloropropene	ND	5.0	0.4	ug/Kg
1,1,2-Trichloroethane	ND	5.0	0.6	ug/Kg
1,3-Dichloropropane	ND	5.0	0.5	ug/Kg
Tetrachloroethene	ND	5.0	0.6	ug/Kg
Dibromochloromethane	ND	5.0	0.4	ug/Kg
1,2-Dibromoethane	ND	5.0	0.5	ug/Kg
Chlorobenzene	ND	5.0	0.3	ug/Kg
1,1,1,2-Tetrachloroethane	ND	5.0	0.5	ug/Kg
Ethylbenzene	ND	5.0	0.4	ug/Kg
m,p-Xylenes	ND	10	0.8	ug/Kg
o-Xylene	ND	5.0	0.3	ug/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
Styrene	ND	5.0	0.5	ug/Kg
Bromoform	ND	5.0	0.5	ug/Kg
Isopropylbenzene	ND	5.0	0.4	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	0.4	ug/Kg
1,2,3-Trichloropropane	ND	5.0	0.7	ug/Kg
Propylbenzene	ND	5.0	0.4	ug/Kg
Bromobenzene	ND	5.0	0.3	ug/Kg
1,3,5-Trimethylbenzene	ND	5.0	0.4	ug/Kg
2-Chlorotoluene	ND	5.0	0.5	ug/Kg
4-Chlorotoluene	ND	5.0	0.5	ug/Kg
tert-Butylbenzene	ND	5.0	0.3	ug/Kg
1,2,4-Trimethylbenzene	ND	5.0	0.5	ug/Kg
sec-Butylbenzene	ND	5.0	0.5	ug/Kg
para-Isopropyl Toluene	ND	5.0	0.5	ug/Kg
1,3-Dichlorobenzene	ND	5.0	0.5	ug/Kg
1,4-Dichlorobenzene	ND	5.0	0.5	ug/Kg
n-Butylbenzene	ND	5.0	0.7	ug/Kg
1,2-Dichlorobenzene	ND	5.0	0.5	ug/Kg
1,2-Dibromo-3-Chloropropane	ND	5.0	0.6	ug/Kg
1,2,4-Trichlorobenzene	ND	5.0	0.9	ug/Kg
Hexachlorobutadiene	ND	5.0	0.6	ug/Kg
Naphthalene	ND	5.0	0.9	ug/Kg
1,2,3-Trichlorobenzene	ND	5.0	0.5	ug/Kg

Surrogate	%REC	Limits
Dibromofluoromethane	93	70-130
1,2-Dichloroethane-d4	90	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	105	70-145

Legend

MDL: Method Detection Limit

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BS **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC977131 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 03/11/22 **Analyst:** LYZ

Analyte	Spiked	Result	%REC	Limits	Units
TPH Gasoline	0.5000	0.5946	119	70-130	mg/Kg
1,1-Dichloroethene		NA			
MTBE		NA			
Benzene		NA			
Trichloroethene		NA			
Toluene		NA			
Chlorobenzene		NA			

Surrogate	%REC	Limits
Dibromofluoromethane	92	70-130
1,2-Dichloroethane-d4	90	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	105	70-145

Type: BSD **Dil'n Fac:** 1.000 **Prep:** EPA 5035

Lab ID: QC977132 **Batch#:** 285440 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 03/11/22 **Analyst:** RAO

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
TPH Gasoline	0.5000	0.5604	112	70-130	mg/Kg	6	20
1,1-Dichloroethene		NA					
MTBE		NA					
Benzene		NA					
Trichloroethene		NA					
Toluene		NA					
Chlorobenzene		NA					

Surrogate	%REC	Limits
Dibromofluoromethane	92	70-130
1,2-Dichloroethane-d4	88	70-145
Toluene-d8	102	70-145
Bromofluorobenzene	103	70-145

Legend

NA: Not Analyzed

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-001 **Batch#:** 285490 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8270C

Basis: dry **Received:** 03/10/22 **Analyst:** TJW

Moisture: 14% **Prepared:** 03/14/22

Analyte	Result	RL	MDL	Units
Carbazole	ND	290	85	ug/Kg
1-Methylnaphthalene	ND	290	41	ug/Kg
Pyridine	ND	290	260	ug/Kg
N-Nitrosodimethylamine	ND	290	47	ug/Kg
Phenol	ND	290	42	ug/Kg
Aniline	ND	290	63	ug/Kg
bis(2-Chloroethyl)ether	ND	1,400	19	ug/Kg
2-Chlorophenol	ND	290	37	ug/Kg
1,3-Dichlorobenzene	ND	290	34	ug/Kg
1,4-Dichlorobenzene	ND	290	30	ug/Kg
Benzyl alcohol	ND	290	45	ug/Kg
1,2-Dichlorobenzene	ND	290	24	ug/Kg
2-Methylphenol	ND	290	24	ug/Kg
bis(2-Chloroisopropyl) ether	ND	290	31	ug/Kg
3-,4-Methylphenol	ND	470	49	ug/Kg
N-Nitroso-di-n-propylamine	ND	290	37	ug/Kg
Hexachloroethane	ND	290	30	ug/Kg
Nitrobenzene	ND	1,400	39	ug/Kg
Isophorone	ND	290	31	ug/Kg
2-Nitrophenol	ND	290	23	ug/Kg
2,4-Dimethylphenol	ND	290	90	ug/Kg
Benzoic acid	ND	1,400	88	ug/Kg
bis(2-Chloroethoxy)methane	ND	290	42	ug/Kg
2,4-Dichlorophenol	ND	290	27	ug/Kg
1,2,4-Trichlorobenzene	ND	290	36	ug/Kg
Naphthalene	ND	290	31	ug/Kg
4-Chloroaniline	ND	290	51	ug/Kg
Hexachlorobutadiene	ND	290	30	ug/Kg
4-Chloro-3-methylphenol	ND	290	27	ug/Kg
2-Methylnaphthalene	ND	290	31	ug/Kg
Hexachlorocyclopentadiene	ND	1,400	55	ug/Kg
2,4,6-Trichlorophenol	ND	290	39	ug/Kg
2,4,5-Trichlorophenol	ND	290	40	ug/Kg
2-Chloronaphthalene	ND	290	37	ug/Kg
2-Nitroaniline	ND	290	42	ug/Kg
Dimethylphthalate	ND	290	45	ug/Kg
Acenaphthylene	ND	290	39	ug/Kg
2,6-Dinitrotoluene	ND	290	50	ug/Kg
3-Nitroaniline	ND	290	57	ug/Kg
Acenaphthene	ND	290	37	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,400	57	ug/Kg
4-Nitrophenol	ND	290	30	ug/Kg
Dibenzofuran	ND	290	40	ug/Kg
2,4-Dinitrotoluene	ND	290	33	ug/Kg
Diethylphthalate	ND	290	52	ug/Kg
Fluorene	ND	290	41	ug/Kg
4-Chlorophenyl-phenylether	ND	290	43	ug/Kg
4-Nitroaniline	ND	290	43	ug/Kg
4,6-Dinitro-2-methylphenol	ND	290	37	ug/Kg
N-Nitrosodiphenylamine	ND	290	50	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	290	49	ug/Kg
4-Bromophenyl-phenylether	ND	290	44	ug/Kg
Hexachlorobenzene	ND	290	52	ug/Kg
Pentachlorophenol	ND	1,400	50	ug/Kg
Phenanthrene	ND	290	82	ug/Kg
Anthracene	ND	290	70	ug/Kg
Di-n-butylphthalate	ND	290	91	ug/Kg
Fluoranthene	ND	290	94	ug/Kg
Benzidine	ND	1,400	83	ug/Kg
Pyrene	ND	290	94	ug/Kg
Butylbenzylphthalate	ND	290	69	ug/Kg
3,3'-Dichlorobenzidine	ND	1,400	200	ug/Kg
Benzo(a)anthracene	ND	290	99	ug/Kg
Chrysene	ND	290	97	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	290	79	ug/Kg
Di-n-octylphthalate	ND	290	66	ug/Kg
Benzo(b)fluoranthene	ND	290	81	ug/Kg
Benzo(k)fluoranthene	ND	290	91	ug/Kg
Benzo(a)pyrene	ND	290	72	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	290	78	ug/Kg
Dibenz(a,h)anthracene	ND	290	60	ug/Kg
Benzo(g,h,i)perylene	ND	290	81	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	92	29-120
Phenol-d6	94	30-120
2,4,6-Tribromophenol	85	32-120
Nitrobenzene-d5	80	33-120
2-Fluorobiphenyl	87	39-120
Terphenyl-d14	99	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-10-031022-BRIONES	**Dil'n Fac:**	5.000	**Analyzed:**	03/14/22
Lab ID:	459596-002	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	14%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	1,500	290	ug/Kg
1-Methylnaphthalene	ND	1,500	270	ug/Kg
Pyridine	ND	1,500	200	ug/Kg
N-Nitrosodimethylamine	ND	1,500	130	ug/Kg
Phenol	ND	1,500	290	ug/Kg
Aniline	ND	1,500	210	ug/Kg
bis(2-Chloroethyl)ether	ND	7,000	330	ug/Kg
2-Chlorophenol	ND	1,500	230	ug/Kg
1,3-Dichlorobenzene	ND	1,500	300	ug/Kg
1,4-Dichlorobenzene	ND	1,500	190	ug/Kg
Benzyl alcohol	ND	1,500	1,500	ug/Kg
1,2-Dichlorobenzene	ND	1,500	260	ug/Kg
2-Methylphenol	ND	1,500	620	ug/Kg
bis(2-Chloroisopropyl) ether	ND	1,500	260	ug/Kg
3-,4-Methylphenol	ND	2,300	350	ug/Kg
N-Nitroso-di-n-propylamine	ND	1,500	280	ug/Kg
Hexachloroethane	ND	1,500	240	ug/Kg
Nitrobenzene	ND	7,000	210	ug/Kg
Isophorone	ND	1,500	240	ug/Kg
2-Nitrophenol	ND	1,500	220	ug/Kg
2,4-Dimethylphenol	ND	1,500	230	ug/Kg
Benzoic acid	ND	7,000	800	ug/Kg
bis(2-Chloroethoxy)methane	ND	1,500	300	ug/Kg
2,4-Dichlorophenol	ND	1,500	270	ug/Kg
1,2,4-Trichlorobenzene	ND	1,500	230	ug/Kg
Naphthalene	ND	1,500	260	ug/Kg
4-Chloroaniline	ND	1,500	340	ug/Kg
Hexachlorobutadiene	ND	1,500	210	ug/Kg
4-Chloro-3-methylphenol	ND	1,500	350	ug/Kg
2-Methylnaphthalene	ND	1,500	210	ug/Kg
Hexachlorocyclopentadiene	ND	7,000	120	ug/Kg
2,4,6-Trichlorophenol	ND	1,500	190	ug/Kg
2,4,5-Trichlorophenol	ND	1,500	220	ug/Kg
2-Chloronaphthalene	ND	1,500	300	ug/Kg
2-Nitroaniline	ND	1,500	330	ug/Kg
Dimethylphthalate	ND	1,500	310	ug/Kg
Acenaphthylene	ND	1,500	270	ug/Kg
2,6-Dinitrotoluene	ND	1,500	250	ug/Kg
3-Nitroaniline	ND	1,500	310	ug/Kg
Acenaphthene	ND	1,500	250	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	7,000	300	ug/Kg
4-Nitrophenol	ND	1,500	960	ug/Kg
Dibenzofuran	ND	1,500	280	ug/Kg
2,4-Dinitrotoluene	ND	1,500	270	ug/Kg
Diethylphthalate	ND	1,500	300	ug/Kg
Fluorene	ND	1,500	280	ug/Kg
4-Chlorophenyl-phenylether	ND	1,500	250	ug/Kg
4-Nitroaniline	ND	1,500	490	ug/Kg
4,6-Dinitro-2-methylphenol	ND	1,500	210	ug/Kg
N-Nitrosodiphenylamine	ND	1,500	320	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	1,500	300	ug/Kg
4-Bromophenyl-phenylether	ND	1,500	320	ug/Kg
Hexachlorobenzene	ND	1,500	250	ug/Kg
Pentachlorophenol	ND	7,000	280	ug/Kg
Phenanthrene	ND	1,500	270	ug/Kg
Anthracene	ND	1,500	240	ug/Kg
Di-n-butylphthalate	ND	1,500	340	ug/Kg
Fluoranthene	ND	1,500	290	ug/Kg
Benzidine	ND	7,000	1,200	ug/Kg
Pyrene	ND	1,500	320	ug/Kg
Butylbenzylphthalate	ND	1,500	310	ug/Kg
3,3'-Dichlorobenzidine	ND	7,000	930	ug/Kg
Benzo(a)anthracene	ND	1,500	240	ug/Kg
Chrysene	ND	1,500	240	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	1,500	420	ug/Kg
Di-n-octylphthalate	ND	1,500	340	ug/Kg
Benzo(b)fluoranthene	ND	1,500	310	ug/Kg
Benzo(k)fluoranthene	ND	1,500	230	ug/Kg
Benzo(a)pyrene	ND	1,500	190	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	1,500	500	ug/Kg
Dibenz(a,h)anthracene	ND	1,500	160	ug/Kg
Benzo(g,h,i)perylene	ND	1,500	240	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	78	29-120
Phenol-d6	84	30-120
2,4,6-Tribromophenol	72	32-120
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	76	39-120
Terphenyl-d14	85	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP91-5-031022-BRIONES	**Diln Fac:**	2.000	**Analyzed:**	03/14/22
Lab ID:	459596-003	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	16%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	600	120	ug/Kg
1-Methylnaphthalene	ND	600	110	ug/Kg
Pyridine	ND	600	81	ug/Kg
N-Nitrosodimethylamine	ND	600	55	ug/Kg
Phenol	ND	600	120	ug/Kg
Aniline	ND	600	86	ug/Kg
bis(2-Chloroethyl)ether	ND	2,900	140	ug/Kg
2-Chlorophenol	ND	600	95	ug/Kg
1,3-Dichlorobenzene	ND	600	120	ug/Kg
1,4-Dichlorobenzene	ND	600	77	ug/Kg
Benzyl alcohol	ND	600	590	ug/Kg
1,2-Dichlorobenzene	ND	600	110	ug/Kg
2-Methylphenol	ND	600	250	ug/Kg
bis(2-Chloroisopropyl) ether	ND	600	110	ug/Kg
3-,4-Methylphenol	ND	950	140	ug/Kg
N-Nitroso-di-n-propylamine	ND	600	120	ug/Kg
Hexachloroethane	ND	600	100	ug/Kg
Nitrobenzene	ND	2,900	86	ug/Kg
Isophorone	ND	600	98	ug/Kg
2-Nitrophenol	ND	600	91	ug/Kg
2,4-Dimethylphenol	ND	600	96	ug/Kg
Benzoic acid	ND	2,900	330	ug/Kg
bis(2-Chloroethoxy)methane	ND	600	120	ug/Kg
2,4-Dichlorophenol	ND	600	110	ug/Kg
1,2,4-Trichlorobenzene	ND	600	95	ug/Kg
Naphthalene	ND	600	110	ug/Kg
4-Chloroaniline	ND	600	140	ug/Kg
Hexachlorobutadiene	ND	600	86	ug/Kg
4-Chloro-3-methylphenol	ND	600	140	ug/Kg
2-Methylnaphthalene	ND	600	87	ug/Kg
Hexachlorocyclopentadiene	ND	2,900	47	ug/Kg
2,4,6-Trichlorophenol	ND	600	77	ug/Kg
2,4,5-Trichlorophenol	ND	600	91	ug/Kg
2-Chloronaphthalene	ND	600	120	ug/Kg
2-Nitroaniline	ND	600	140	ug/Kg
Dimethylphthalate	ND	600	130	ug/Kg
Acenaphthylene	ND	600	110	ug/Kg
2,6-Dinitrotoluene	ND	600	100	ug/Kg
3-Nitroaniline	ND	600	130	ug/Kg
Acenaphthene	ND	600	100	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	2,900	120	ug/Kg
4-Nitrophenol	ND	600	390	ug/Kg
Dibenzofuran	ND	600	120	ug/Kg
2,4-Dinitrotoluene	ND	600	110	ug/Kg
Diethylphthalate	ND	600	120	ug/Kg
Fluorene	ND	600	120	ug/Kg
4-Chlorophenyl-phenylether	ND	600	100	ug/Kg
4-Nitroaniline	ND	600	200	ug/Kg
4,6-Dinitro-2-methylphenol	ND	600	87	ug/Kg
N-Nitrosodiphenylamine	ND	600	130	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	600	120	ug/Kg
4-Bromophenyl-phenylether	ND	600	130	ug/Kg
Hexachlorobenzene	ND	600	100	ug/Kg
Pentachlorophenol	ND	2,900	110	ug/Kg
Phenanthrene	ND	600	110	ug/Kg
Anthracene	ND	600	96	ug/Kg
Di-n-butylphthalate	ND	600	140	ug/Kg
Fluoranthene	ND	600	120	ug/Kg
Benzidine	ND	2,900	490	ug/Kg
Pyrene	**130 J**	600	130	ug/Kg
Butylbenzylphthalate	ND	600	130	ug/Kg
3,3'-Dichlorobenzidine	ND	2,900	380	ug/Kg
Benzo(a)anthracene	**120 J**	600	96	ug/Kg
Chrysene	**140 J**	600	99	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	600	170	ug/Kg
Di-n-octylphthalate	ND	600	140	ug/Kg
Benzo(b)fluoranthene	ND	600	120	ug/Kg
Benzo(k)fluoranthene	ND	600	96	ug/Kg
Benzo(a)pyrene	**110 J**	600	80	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	600	210	ug/Kg
Dibenz(a,h)anthracene	ND	600	67	ug/Kg
Benzo(g,h,i)perylene	ND	600	99	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	64	29-120
Phenol-d6	70	30-120
2,4,6-Tribromophenol	69	32-120
Nitrobenzene-d5	63	33-120
2-Fluorobiphenyl	62	39-120
Terphenyl-d14	81	44-125

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP91-10-031022-BRIONES	**Dil'n Fac:**	4.000	**Analyzed:**	03/14/22
Lab ID:	459596-004	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	9%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	1,100	220	ug/Kg
1-Methylnaphthalene	ND	1,100	200	ug/Kg
Pyridine	ND	1,100	150	ug/Kg
N-Nitrosodimethylamine	ND	1,100	100	ug/Kg
Phenol	ND	1,100	220	ug/Kg
Aniline	ND	1,100	160	ug/Kg
bis(2-Chloroethyl)ether	ND	5,300	250	ug/Kg
2-Chlorophenol	ND	1,100	170	ug/Kg
1,3-Dichlorobenzene	ND	1,100	230	ug/Kg
1,4-Dichlorobenzene	ND	1,100	140	ug/Kg
Benzyl alcohol	ND	1,100	1,100	ug/Kg
1,2-Dichlorobenzene	ND	1,100	200	ug/Kg
2-Methylphenol	ND	1,100	470	ug/Kg
bis(2-Chloroisopropyl) ether	ND	1,100	200	ug/Kg
3-,4-Methylphenol	ND	1,800	270	ug/Kg
N-Nitroso-di-n-propylamine	ND	1,100	210	ug/Kg
Hexachloroethane	ND	1,100	180	ug/Kg
Nitrobenzene	ND	5,300	160	ug/Kg
Isophorone	ND	1,100	180	ug/Kg
2-Nitrophenol	ND	1,100	170	ug/Kg
2,4-Dimethylphenol	ND	1,100	180	ug/Kg
Benzoic acid	ND	5,300	600	ug/Kg
bis(2-Chloroethoxy)methane	ND	1,100	230	ug/Kg
2,4-Dichlorophenol	ND	1,100	200	ug/Kg
1,2,4-Trichlorobenzene	ND	1,100	180	ug/Kg
Naphthalene	ND	1,100	190	ug/Kg
4-Chloroaniline	ND	1,100	260	ug/Kg
Hexachlorobutadiene	ND	1,100	160	ug/Kg
4-Chloro-3-methylphenol	ND	1,100	260	ug/Kg
2-Methylnaphthalene	ND	1,100	160	ug/Kg
Hexachlorocyclopentadiene	ND	5,300	88	ug/Kg
2,4,6-Trichlorophenol	ND	1,100	140	ug/Kg
2,4,5-Trichlorophenol	ND	1,100	170	ug/Kg
2-Chloronaphthalene	ND	1,100	220	ug/Kg
2-Nitroaniline	ND	1,100	250	ug/Kg
Dimethylphthalate	ND	1,100	230	ug/Kg
Acenaphthylene	ND	1,100	200	ug/Kg
2,6-Dinitrotoluene	ND	1,100	190	ug/Kg
3-Nitroaniline	ND	1,100	230	ug/Kg
Acenaphthene	ND	1,100	190	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	5,300	220	ug/Kg
4-Nitrophenol	ND	1,100	730	ug/Kg
Dibenzofuran	ND	1,100	220	ug/Kg
2,4-Dinitrotoluene	ND	1,100	200	ug/Kg
Diethylphthalate	ND	1,100	220	ug/Kg
Fluorene	ND	1,100	210	ug/Kg
4-Chlorophenyl-phenylether	ND	1,100	190	ug/Kg
4-Nitroaniline	ND	1,100	370	ug/Kg
4,6-Dinitro-2-methylphenol	ND	1,100	160	ug/Kg
N-Nitrosodiphenylamine	ND	1,100	240	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	1,100	230	ug/Kg
4-Bromophenyl-phenylether	ND	1,100	250	ug/Kg
Hexachlorobenzene	ND	1,100	190	ug/Kg
Pentachlorophenol	ND	5,300	210	ug/Kg
Phenanthrene	ND	1,100	210	ug/Kg
Anthracene	ND	1,100	180	ug/Kg
Di-n-butylphthalate	ND	1,100	260	ug/Kg
Fluoranthene	ND	1,100	220	ug/Kg
Benzidine	ND	5,300	900	ug/Kg
Pyrene	ND	1,100	240	ug/Kg
Butylbenzylphthalate	ND	1,100	230	ug/Kg
3,3'-Dichlorobenzidine	ND	5,300	700	ug/Kg
Benzo(a)anthracene	ND	1,100	180	ug/Kg
Chrysene	ND	1,100	180	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	1,100	320	ug/Kg
Di-n-octylphthalate	ND	1,100	260	ug/Kg
Benzo(b)fluoranthene	ND	1,100	230	ug/Kg
Benzo(k)fluoranthene	ND	1,100	180	ug/Kg
Benzo(a)pyrene	ND	1,100	150	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	1,100	380	ug/Kg
Dibenz(a,h)anthracene	ND	1,100	120	ug/Kg
Benzo(g,h,i)perylene	ND	1,100	180	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	60	29-120
Phenol-d6	67	30-120
2,4,6-Tribromophenol	55	32-120
Nitrobenzene-d5	59	33-120
2-Fluorobiphenyl	56	39-120
Terphenyl-d14	66	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP191-10-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-005	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	10%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	280	55	ug/Kg
1-Methylnaphthalene	ND	280	51	ug/Kg
Pyridine	ND	280	38	ug/Kg
N-Nitrosodimethylamine	ND	280	26	ug/Kg
Phenol	ND	280	55	ug/Kg
Aniline	ND	280	40	ug/Kg
bis(2-Chloroethyl)ether	ND	1,300	64	ug/Kg
2-Chlorophenol	ND	280	44	ug/Kg
1,3-Dichlorobenzene	ND	280	58	ug/Kg
1,4-Dichlorobenzene	ND	280	36	ug/Kg
Benzyl alcohol	ND	280	280	ug/Kg
1,2-Dichlorobenzene	ND	280	49	ug/Kg
2-Methylphenol	ND	280	120	ug/Kg
bis(2-Chloroisopropyl) ether	ND	280	50	ug/Kg
3-,4-Methylphenol	ND	440	67	ug/Kg
N-Nitroso-di-n-propylamine	ND	280	54	ug/Kg
Hexachloroethane	ND	280	46	ug/Kg
Nitrobenzene	ND	1,300	40	ug/Kg
Isophorone	ND	280	46	ug/Kg
2-Nitrophenol	ND	280	43	ug/Kg
2,4-Dimethylphenol	ND	280	45	ug/Kg
Benzoic acid	ND	1,300	150	ug/Kg
bis(2-Chloroethoxy)methane	ND	280	58	ug/Kg
2,4-Dichlorophenol	ND	280	51	ug/Kg
1,2,4-Trichlorobenzene	ND	280	45	ug/Kg
Naphthalene	ND	280	49	ug/Kg
4-Chloroaniline	ND	280	65	ug/Kg
Hexachlorobutadiene	ND	280	40	ug/Kg
4-Chloro-3-methylphenol	ND	280	66	ug/Kg
2-Methylnaphthalene	ND	280	41	ug/Kg
Hexachlorocyclopentadiene	ND	1,300	22	ug/Kg
2,4,6-Trichlorophenol	ND	280	36	ug/Kg
2,4,5-Trichlorophenol	ND	280	43	ug/Kg
2-Chloronaphthalene	ND	280	56	ug/Kg
2-Nitroaniline	ND	280	63	ug/Kg
Dimethylphthalate	ND	280	59	ug/Kg
Acenaphthylene	ND	280	51	ug/Kg
2,6-Dinitrotoluene	ND	280	47	ug/Kg
3-Nitroaniline	ND	280	59	ug/Kg
Acenaphthene	ND	280	49	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,300	57	ug/Kg
4-Nitrophenol	ND	280	180	ug/Kg
Dibenzofuran	ND	280	54	ug/Kg
2,4-Dinitrotoluene	ND	280	51	ug/Kg
Diethylphthalate	ND	280	57	ug/Kg
Fluorene	ND	280	54	ug/Kg
4-Chlorophenyl-phenylether	ND	280	48	ug/Kg
4-Nitroaniline	ND	280	93	ug/Kg
4,6-Dinitro-2-methylphenol	ND	280	41	ug/Kg
N-Nitrosodiphenylamine	ND	280	61	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	280	57	ug/Kg
4-Bromophenyl-phenylether	ND	280	62	ug/Kg
Hexachlorobenzene	ND	280	48	ug/Kg
Pentachlorophenol	ND	1,300	53	ug/Kg
Phenanthrene	ND	280	52	ug/Kg
Anthracene	ND	280	45	ug/Kg
Di-n-butylphthalate	ND	280	65	ug/Kg
Fluoranthene	ND	280	55	ug/Kg
Benzidine	ND	1,300	230	ug/Kg
Pyrene	ND	280	61	ug/Kg
Butylbenzylphthalate	ND	280	59	ug/Kg
3,3'-Dichlorobenzidine	ND	1,300	180	ug/Kg
Benzo(a)anthracene	ND	280	45	ug/Kg
Chrysene	ND	280	46	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	280	80	ug/Kg
Di-n-octylphthalate	ND	280	65	ug/Kg
Benzo(b)fluoranthene	ND	280	58	ug/Kg
Benzo(k)fluoranthene	ND	280	45	ug/Kg
Benzo(a)pyrene	ND	280	37	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	280	96	ug/Kg
Dibenz(a,h)anthracene	ND	280	31	ug/Kg
Benzo(g,h,i)perylene	ND	280	46	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	91	29-120
Phenol-d6	97	30-120
2,4,6-Tribromophenol	88	32-120
Nitrobenzene-d5	90	33-120
2-Fluorobiphenyl	82	39-120
Terphenyl-d14	94	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP93-5-031022-BRIONES	**Diln Fac:**	5.000	**Analyzed:**	03/14/22
Lab ID:	459596-006	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	12%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	1,400	280	ug/Kg
1-Methylnaphthalene	ND	1,400	260	ug/Kg
Pyridine	ND	1,400	190	ug/Kg
N-Nitrosodimethylamine	ND	1,400	130	ug/Kg
Phenol	ND	1,400	280	ug/Kg
Aniline	ND	1,400	210	ug/Kg
bis(2-Chloroethyl)ether	ND	6,800	330	ug/Kg
2-Chlorophenol	ND	1,400	230	ug/Kg
1,3-Dichlorobenzene	ND	1,400	300	ug/Kg
1,4-Dichlorobenzene	ND	1,400	180	ug/Kg
Benzyl alcohol	ND	1,400	1,400	ug/Kg
1,2-Dichlorobenzene	ND	1,400	250	ug/Kg
2-Methylphenol	ND	1,400	610	ug/Kg
bis(2-Chloroisopropyl) ether	ND	1,400	260	ug/Kg
3-,4-Methylphenol	ND	2,300	340	ug/Kg
N-Nitroso-di-n-propylamine	ND	1,400	280	ug/Kg
Hexachloroethane	ND	1,400	240	ug/Kg
Nitrobenzene	ND	6,800	210	ug/Kg
Isophorone	ND	1,400	230	ug/Kg
2-Nitrophenol	ND	1,400	220	ug/Kg
2,4-Dimethylphenol	ND	1,400	230	ug/Kg
Benzoic acid	ND	6,800	780	ug/Kg
bis(2-Chloroethoxy)methane	ND	1,400	290	ug/Kg
2,4-Dichlorophenol	ND	1,400	260	ug/Kg
1,2,4-Trichlorobenzene	ND	1,400	230	ug/Kg
Naphthalene	ND	1,400	250	ug/Kg
4-Chloroaniline	ND	1,400	330	ug/Kg
Hexachlorobutadiene	ND	1,400	200	ug/Kg
4-Chloro-3-methylphenol	ND	1,400	340	ug/Kg
2-Methylnaphthalene	ND	1,400	210	ug/Kg
Hexachlorocyclopentadiene	ND	6,800	110	ug/Kg
2,4,6-Trichlorophenol	ND	1,400	180	ug/Kg
2,4,5-Trichlorophenol	ND	1,400	220	ug/Kg
2-Chloronaphthalene	ND	1,400	290	ug/Kg
2-Nitroaniline	ND	1,400	320	ug/Kg
Dimethylphthalate	ND	1,400	300	ug/Kg
Acenaphthylene	ND	1,400	260	ug/Kg
2,6-Dinitrotoluene	ND	1,400	240	ug/Kg
3-Nitroaniline	ND	1,400	300	ug/Kg
Acenaphthene	ND	1,400	250	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	6,800	290	ug/Kg
4-Nitrophenol	ND	1,400	940	ug/Kg
Dibenzofuran	ND	1,400	280	ug/Kg
2,4-Dinitrotoluene	ND	1,400	260	ug/Kg
Diethylphthalate	ND	1,400	290	ug/Kg
Fluorene	ND	1,400	280	ug/Kg
4-Chlorophenyl-phenylether	ND	1,400	250	ug/Kg
4-Nitroaniline	ND	1,400	480	ug/Kg
4,6-Dinitro-2-methylphenol	ND	1,400	210	ug/Kg
N-Nitrosodiphenylamine	ND	1,400	310	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	1,400	290	ug/Kg
4-Bromophenyl-phenylether	ND	1,400	320	ug/Kg
Hexachlorobenzene	ND	1,400	250	ug/Kg
Pentachlorophenol	ND	6,800	270	ug/Kg
Phenanthrene	ND	1,400	270	ug/Kg
Anthracene	ND	1,400	230	ug/Kg
Di-n-butylphthalate	ND	1,400	330	ug/Kg
Fluoranthene	ND	1,400	280	ug/Kg
Benzidine	ND	6,800	1,200	ug/Kg
Pyrene	ND	1,400	310	ug/Kg
Butylbenzylphthalate	ND	1,400	300	ug/Kg
3,3'-Dichlorobenzidine	ND	6,800	900	ug/Kg
Benzo(a)anthracene	ND	1,400	230	ug/Kg
Chrysene	ND	1,400	240	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	1,400	410	ug/Kg
Di-n-octylphthalate	ND	1,400	330	ug/Kg
Benzo(b)fluoranthene	ND	1,400	300	ug/Kg
Benzo(k)fluoranthene	ND	1,400	230	ug/Kg
Benzo(a)pyrene	ND	1,400	190	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	1,400	490	ug/Kg
Dibenz(a,h)anthracene	ND	1,400	160	ug/Kg
Benzo(g,h,i)perylene	ND	1,400	240	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	61	29-120
Phenol-d6	64	30-120
2,4,6-Tribromophenol	53	32-120
Nitrobenzene-d5	61	33-120
2-Fluorobiphenyl	55	39-120
Terphenyl-d14	60	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP93-10-031022-BRIONES	**Dil'n Fac:**	4.000	**Analyzed:**	03/14/22
Lab ID:	459596-007	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	13%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	1,100	230	ug/Kg
1-Methylnaphthalene	ND	1,100	210	ug/Kg
Pyridine	ND	1,100	160	ug/Kg
N-Nitrosodimethylamine	ND	1,100	110	ug/Kg
Phenol	ND	1,100	230	ug/Kg
Aniline	ND	1,100	170	ug/Kg
bis(2-Chloroethyl)ether	ND	5,500	260	ug/Kg
2-Chlorophenol	ND	1,100	180	ug/Kg
1,3-Dichlorobenzene	ND	1,100	240	ug/Kg
1,4-Dichlorobenzene	ND	1,100	150	ug/Kg
Benzyl alcohol	ND	1,100	1,100	ug/Kg
1,2-Dichlorobenzene	ND	1,100	200	ug/Kg
2-Methylphenol	ND	1,100	490	ug/Kg
bis(2-Chloroisopropyl) ether	ND	1,100	210	ug/Kg
3-,4-Methylphenol	ND	1,800	280	ug/Kg
N-Nitroso-di-n-propylamine	ND	1,100	220	ug/Kg
Hexachloroethane	ND	1,100	190	ug/Kg
Nitrobenzene	ND	5,500	170	ug/Kg
Isophorone	ND	1,100	190	ug/Kg
2-Nitrophenol	ND	1,100	180	ug/Kg
2,4-Dimethylphenol	ND	1,100	190	ug/Kg
Benzoic acid	ND	5,500	630	ug/Kg
bis(2-Chloroethoxy)methane	ND	1,100	240	ug/Kg
2,4-Dichlorophenol	ND	1,100	210	ug/Kg
1,2,4-Trichlorobenzene	ND	1,100	180	ug/Kg
Naphthalene	ND	1,100	200	ug/Kg
4-Chloroaniline	ND	1,100	270	ug/Kg
Hexachlorobutadiene	ND	1,100	170	ug/Kg
4-Chloro-3-methylphenol	ND	1,100	270	ug/Kg
2-Methylnaphthalene	ND	1,100	170	ug/Kg
Hexachlorocyclopentadiene	ND	5,500	92	ug/Kg
2,4,6-Trichlorophenol	ND	1,100	150	ug/Kg
2,4,5-Trichlorophenol	ND	1,100	180	ug/Kg
2-Chloronaphthalene	ND	1,100	230	ug/Kg
2-Nitroaniline	ND	1,100	260	ug/Kg
Dimethylphthalate	ND	1,100	250	ug/Kg
Acenaphthylene	ND	1,100	210	ug/Kg
2,6-Dinitrotoluene	ND	1,100	190	ug/Kg
3-Nitroaniline	ND	1,100	240	ug/Kg
Acenaphthene	ND	1,100	200	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	5,500	240	ug/Kg
4-Nitrophenol	ND	1,100	760	ug/Kg
Dibenzofuran	ND	1,100	220	ug/Kg
2,4-Dinitrotoluene	ND	1,100	210	ug/Kg
Diethylphthalate	ND	1,100	240	ug/Kg
Fluorene	ND	1,100	220	ug/Kg
4-Chlorophenyl-phenylether	ND	1,100	200	ug/Kg
4-Nitroaniline	ND	1,100	390	ug/Kg
4,6-Dinitro-2-methylphenol	ND	1,100	170	ug/Kg
N-Nitrosodiphenylamine	ND	1,100	250	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	1,100	240	ug/Kg
4-Bromophenyl-phenylether	ND	1,100	260	ug/Kg
Hexachlorobenzene	ND	1,100	200	ug/Kg
Pentachlorophenol	ND	5,500	220	ug/Kg
Phenanthrene	ND	1,100	220	ug/Kg
Anthracene	ND	1,100	190	ug/Kg
Di-n-butylphthalate	ND	1,100	270	ug/Kg
Fluoranthene	ND	1,100	230	ug/Kg
Benzidine	ND	5,500	940	ug/Kg
Pyrene	ND	1,100	250	ug/Kg
Butylbenzylphthalate	ND	1,100	240	ug/Kg
3,3'-Dichlorobenzidine	ND	5,500	730	ug/Kg
Benzo(a)anthracene	ND	1,100	190	ug/Kg
Chrysene	ND	1,100	190	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	1,100	330	ug/Kg
Di-n-octylphthalate	ND	1,100	270	ug/Kg
Benzo(b)fluoranthene	ND	1,100	240	ug/Kg
Benzo(k)fluoranthene	ND	1,100	180	ug/Kg
Benzo(a)pyrene	ND	1,100	150	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	1,100	400	ug/Kg
Dibenz(a,h)anthracene	ND	1,100	130	ug/Kg
Benzo(g,h,i)perylene	ND	1,100	190	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	80	29-120
Phenol-d6	82	30-120
2,4,6-Tribromophenol	70	32-120
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	72	39-120
Terphenyl-d14	83	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP94-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-008	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	8%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	270	53	ug/Kg
1-Methylnaphthalene	ND	270	50	ug/Kg
Pyridine	ND	270	37	ug/Kg
N-Nitrosodimethylamine	ND	270	25	ug/Kg
Phenol	ND	270	54	ug/Kg
Aniline	ND	270	39	ug/Kg
bis(2-Chloroethyl)ether	ND	1,300	62	ug/Kg
2-Chlorophenol	ND	270	43	ug/Kg
1,3-Dichlorobenzene	ND	270	57	ug/Kg
1,4-Dichlorobenzene	ND	270	35	ug/Kg
Benzyl alcohol	ND	270	270	ug/Kg
1,2-Dichlorobenzene	ND	270	48	ug/Kg
2-Methylphenol	ND	270	120	ug/Kg
bis(2-Chloroisopropyl) ether	ND	270	49	ug/Kg
3-,4-Methylphenol	ND	430	66	ug/Kg
N-Nitroso-di-n-propylamine	ND	270	53	ug/Kg
Hexachloroethane	ND	270	45	ug/Kg
Nitrobenzene	ND	1,300	39	ug/Kg
Isophorone	ND	270	45	ug/Kg
2-Nitrophenol	ND	270	42	ug/Kg
2,4-Dimethylphenol	ND	270	44	ug/Kg
Benzoic acid	ND	1,300	150	ug/Kg
bis(2-Chloroethoxy)methane	ND	270	56	ug/Kg
2,4-Dichlorophenol	ND	270	50	ug/Kg
1,2,4-Trichlorobenzene	ND	270	44	ug/Kg
Naphthalene	ND	270	48	ug/Kg
4-Chloroaniline	ND	270	64	ug/Kg
Hexachlorobutadiene	ND	270	39	ug/Kg
4-Chloro-3-methylphenol	ND	270	65	ug/Kg
2-Methylnaphthalene	ND	270	40	ug/Kg
Hexachlorocyclopentadiene	ND	1,300	22	ug/Kg
2,4,6-Trichlorophenol	ND	270	35	ug/Kg
2,4,5-Trichlorophenol	ND	270	42	ug/Kg
2-Chloronaphthalene	ND	270	55	ug/Kg
2-Nitroaniline	ND	270	62	ug/Kg
Dimethylphthalate	ND	270	58	ug/Kg
Acenaphthylene	ND	270	50	ug/Kg
2,6-Dinitrotoluene	ND	270	46	ug/Kg
3-Nitroaniline	ND	270	58	ug/Kg
Acenaphthene	ND	270	47	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,300	56	ug/Kg
4-Nitrophenol	ND	270	180	ug/Kg
Dibenzofuran	ND	270	53	ug/Kg
2,4-Dinitrotoluene	ND	270	50	ug/Kg
Diethylphthalate	ND	270	56	ug/Kg
Fluorene	ND	270	53	ug/Kg
4-Chlorophenyl-phenylether	ND	270	47	ug/Kg
4-Nitroaniline	ND	270	91	ug/Kg
4,6-Dinitro-2-methylphenol	ND	270	40	ug/Kg
N-Nitrosodiphenylamine	ND	270	60	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	270	56	ug/Kg
4-Bromophenyl-phenylether	ND	270	61	ug/Kg
Hexachlorobenzene	ND	270	47	ug/Kg
Pentachlorophenol	ND	1,300	52	ug/Kg
Phenanthrene	ND	270	51	ug/Kg
Anthracene	ND	270	44	ug/Kg
Di-n-butylphthalate	ND	270	64	ug/Kg
Fluoranthene	ND	270	54	ug/Kg
Benzidine	ND	1,300	220	ug/Kg
Pyrene	ND	270	60	ug/Kg
Butylbenzylphthalate	ND	270	57	ug/Kg
3,3'-Dichlorobenzidine	ND	1,300	170	ug/Kg
Benzo(a)anthracene	ND	270	44	ug/Kg
Chrysene	ND	270	45	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	270	79	ug/Kg
Di-n-octylphthalate	ND	270	64	ug/Kg
Benzo(b)fluoranthene	ND	270	57	ug/Kg
Benzo(k)fluoranthene	ND	270	44	ug/Kg
Benzo(a)pyrene	ND	270	36	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	270	94	ug/Kg
Dibenz(a,h)anthracene	ND	270	30	ug/Kg
Benzo(g,h,i)perylene	ND	270	45	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	66	29-120
Phenol-d6	68	30-120
2,4,6-Tribromophenol	58	32-120
Nitrobenzene-d5	64	33-120
2-Fluorobiphenyl	57	39-120
Terphenyl-d14	62	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP94-10-031022-BRIONES	**Dil Fac:**	25.00	**Analyzed:**	03/14/22
Lab ID:	459596-009	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	11%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	7,000	1,400	ug/Kg
1-Methylnaphthalene	ND	7,000	1,300	ug/Kg
Pyridine	ND	7,000	950	ug/Kg
N-Nitrosodimethylamine	ND	7,000	650	ug/Kg
Phenol	ND	7,000	1,400	ug/Kg
Aniline	ND	7,000	1,000	ug/Kg
bis(2-Chloroethyl)ether	ND	34,000	1,600	ug/Kg
2-Chlorophenol	ND	7,000	1,100	ug/Kg
1,3-Dichlorobenzene	ND	7,000	1,500	ug/Kg
1,4-Dichlorobenzene	ND	7,000	910	ug/Kg
Benzyl alcohol	ND	7,000	7,000	ug/Kg
1,2-Dichlorobenzene	ND	7,000	1,300	ug/Kg
2-Methylphenol	ND	7,000	3,000	ug/Kg
bis(2-Chloroisopropyl) ether	ND	7,000	1,300	ug/Kg
3-,4-Methylphenol	ND	11,000	1,700	ug/Kg
N-Nitroso-di-n-propylamine	ND	7,000	1,400	ug/Kg
Hexachloroethane	ND	7,000	1,200	ug/Kg
Nitrobenzene	ND	34,000	1,000	ug/Kg
Isophorone	ND	7,000	1,200	ug/Kg
2-Nitrophenol	ND	7,000	1,100	ug/Kg
2,4-Dimethylphenol	ND	7,000	1,100	ug/Kg
Benzoic acid	ND	34,000	3,800	ug/Kg
bis(2-Chloroethoxy)methane	ND	7,000	1,500	ug/Kg
2,4-Dichlorophenol	ND	7,000	1,300	ug/Kg
1,2,4-Trichlorobenzene	ND	7,000	1,100	ug/Kg
Naphthalene	ND	7,000	1,200	ug/Kg
4-Chloroaniline	ND	7,000	1,600	ug/Kg
Hexachlorobutadiene	ND	7,000	1,000	ug/Kg
4-Chloro-3-methylphenol	ND	7,000	1,700	ug/Kg
2-Methylnaphthalene	ND	7,000	1,000	ug/Kg
Hexachlorocyclopentadiene	ND	34,000	560	ug/Kg
2,4,6-Trichlorophenol	ND	7,000	910	ug/Kg
2,4,5-Trichlorophenol	ND	7,000	1,100	ug/Kg
2-Chloronaphthalene	ND	7,000	1,400	ug/Kg
2-Nitroaniline	ND	7,000	1,600	ug/Kg
Dimethylphthalate	ND	7,000	1,500	ug/Kg
Acenaphthylene	ND	7,000	1,300	ug/Kg
2,6-Dinitrotoluene	ND	7,000	1,200	ug/Kg
3-Nitroaniline	ND	7,000	1,500	ug/Kg
Acenaphthene	ND	7,000	1,200	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	34,000	1,400	ug/Kg
4-Nitrophenol	ND	7,000	4,700	ug/Kg
Dibenzofuran	ND	7,000	1,400	ug/Kg
2,4-Dinitrotoluene	ND	7,000	1,300	ug/Kg
Diethylphthalate	ND	7,000	1,400	ug/Kg
Fluorene	ND	7,000	1,400	ug/Kg
4-Chlorophenyl-phenylether	ND	7,000	1,200	ug/Kg
4-Nitroaniline	ND	7,000	2,400	ug/Kg
4,6-Dinitro-2-methylphenol	ND	7,000	1,000	ug/Kg
N-Nitrosodiphenylamine	ND	7,000	1,500	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	7,000	1,400	ug/Kg
4-Bromophenyl-phenylether	ND	7,000	1,600	ug/Kg
Hexachlorobenzene	ND	7,000	1,200	ug/Kg
Pentachlorophenol	ND	34,000	1,400	ug/Kg
Phenanthrene	ND	7,000	1,300	ug/Kg
Anthracene	ND	7,000	1,100	ug/Kg
Di-n-butylphthalate	ND	7,000	1,700	ug/Kg
Fluoranthene	ND	7,000	1,400	ug/Kg
Benzidine	ND	34,000	5,800	ug/Kg
Pyrene	ND	7,000	1,500	ug/Kg
Butylbenzylphthalate	ND	7,000	1,500	ug/Kg
3,3'-Dichlorobenzidine	ND	34,000	4,500	ug/Kg
Benzo(a)anthracene	ND	7,000	1,100	ug/Kg
Chrysene	ND	7,000	1,200	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	7,000	2,000	ug/Kg
Di-n-octylphthalate	ND	7,000	1,600	ug/Kg
Benzo(b)fluoranthene	ND	7,000	1,500	ug/Kg
Benzo(k)fluoranthene	ND	7,000	1,100	ug/Kg
Benzo(a)pyrene	ND	7,000	940	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	7,000	2,400	ug/Kg
Dibenz(a,h)anthracene	ND	7,000	790	ug/Kg
Benzo(g,h,i)perylene	ND	7,000	1,200	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	56	29-120
Phenol-d6	62	30-120
2,4,6-Tribromophenol	40	32-120
Nitrobenzene-d5	63	33-120
2-Fluorobiphenyl	58	39-120
Terphenyl-d14	59	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP97-5-031022-BRIONES	**Diln Fac:**	4.000	**Analyzed:**	03/14/22
Lab ID:	459596-010	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	10%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	1,100	220	ug/Kg
1-Methylnaphthalene	ND	1,100	200	ug/Kg
Pyridine	ND	1,100	150	ug/Kg
N-Nitrosodimethylamine	ND	1,100	100	ug/Kg
Phenol	ND	1,100	220	ug/Kg
Aniline	ND	1,100	160	ug/Kg
bis(2-Chloroethyl)ether	ND	5,300	250	ug/Kg
2-Chlorophenol	ND	1,100	180	ug/Kg
1,3-Dichlorobenzene	ND	1,100	230	ug/Kg
1,4-Dichlorobenzene	ND	1,100	140	ug/Kg
Benzyl alcohol	ND	1,100	1,100	ug/Kg
1,2-Dichlorobenzene	ND	1,100	200	ug/Kg
2-Methylphenol	ND	1,100	480	ug/Kg
bis(2-Chloroisopropyl) ether	ND	1,100	200	ug/Kg
3-,4-Methylphenol	ND	1,800	270	ug/Kg
N-Nitroso-di-n-propylamine	ND	1,100	220	ug/Kg
Hexachloroethane	ND	1,100	190	ug/Kg
Nitrobenzene	ND	5,300	160	ug/Kg
Isophorone	ND	1,100	180	ug/Kg
2-Nitrophenol	ND	1,100	170	ug/Kg
2,4-Dimethylphenol	ND	1,100	180	ug/Kg
Benzoic acid	ND	5,300	610	ug/Kg
bis(2-Chloroethoxy)methane	ND	1,100	230	ug/Kg
2,4-Dichlorophenol	ND	1,100	200	ug/Kg
1,2,4-Trichlorobenzene	ND	1,100	180	ug/Kg
Naphthalene	ND	1,100	200	ug/Kg
4-Chloroaniline	ND	1,100	260	ug/Kg
Hexachlorobutadiene	ND	1,100	160	ug/Kg
4-Chloro-3-methylphenol	ND	1,100	270	ug/Kg
2-Methylnaphthalene	ND	1,100	160	ug/Kg
Hexachlorocyclopentadiene	ND	5,300	89	ug/Kg
2,4,6-Trichlorophenol	ND	1,100	140	ug/Kg
2,4,5-Trichlorophenol	ND	1,100	170	ug/Kg
2-Chloronaphthalene	ND	1,100	230	ug/Kg
2-Nitroaniline	ND	1,100	250	ug/Kg
Dimethylphthalate	ND	1,100	240	ug/Kg
Acenaphthylene	ND	1,100	210	ug/Kg
2,6-Dinitrotoluene	ND	1,100	190	ug/Kg
3-Nitroaniline	ND	1,100	240	ug/Kg
Acenaphthene	ND	1,100	190	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	5,300	230	ug/Kg
4-Nitrophenol	ND	1,100	740	ug/Kg
Dibenzofuran	ND	1,100	220	ug/Kg
2,4-Dinitrotoluene	ND	1,100	200	ug/Kg
Diethylphthalate	ND	1,100	230	ug/Kg
Fluorene	ND	1,100	220	ug/Kg
4-Chlorophenyl-phenylether	ND	1,100	190	ug/Kg
4-Nitroaniline	ND	1,100	370	ug/Kg
4,6-Dinitro-2-methylphenol	ND	1,100	160	ug/Kg
N-Nitrosodiphenylamine	ND	1,100	240	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	1,100	230	ug/Kg
4-Bromophenyl-phenylether	ND	1,100	250	ug/Kg
Hexachlorobenzene	ND	1,100	190	ug/Kg
Pentachlorophenol	ND	5,300	210	ug/Kg
Phenanthrene	ND	1,100	210	ug/Kg
Anthracene	ND	1,100	180	ug/Kg
Di-n-butylphthalate	ND	1,100	260	ug/Kg
Fluoranthene	ND	1,100	220	ug/Kg
Benzidine	ND	5,300	910	ug/Kg
Pyrene	ND	1,100	240	ug/Kg
Butylbenzylphthalate	ND	1,100	230	ug/Kg
3,3'-Dichlorobenzidine	ND	5,300	710	ug/Kg
Benzo(a)anthracene	ND	1,100	180	ug/Kg
Chrysene	ND	1,100	190	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	1,100	320	ug/Kg
Di-n-octylphthalate	ND	1,100	260	ug/Kg
Benzo(b)fluoranthene	ND	1,100	230	ug/Kg
Benzo(k)fluoranthene	ND	1,100	180	ug/Kg
Benzo(a)pyrene	ND	1,100	150	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	1,100	380	ug/Kg
Dibenz(a,h)anthracene	ND	1,100	120	ug/Kg
Benzo(g,h,i)perylene	ND	1,100	180	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	77	29-120
Phenol-d6	81	30-120
2,4,6-Tribromophenol	68	32-120
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	74	39-120
Terphenyl-d14	83	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP98-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-011	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	10%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	280	55	ug/Kg
1-Methylnaphthalene	ND	280	51	ug/Kg
Pyridine	ND	280	38	ug/Kg
N-Nitrosodimethylamine	ND	280	26	ug/Kg
Phenol	ND	280	55	ug/Kg
Aniline	ND	280	40	ug/Kg
bis(2-Chloroethyl)ether	ND	1,300	64	ug/Kg
2-Chlorophenol	ND	280	44	ug/Kg
1,3-Dichlorobenzene	ND	280	58	ug/Kg
1,4-Dichlorobenzene	ND	280	36	ug/Kg
Benzyl alcohol	ND	280	280	ug/Kg
1,2-Dichlorobenzene	ND	280	49	ug/Kg
2-Methylphenol	ND	280	120	ug/Kg
bis(2-Chloroisopropyl) ether	ND	280	50	ug/Kg
3-,4-Methylphenol	ND	440	67	ug/Kg
N-Nitroso-di-n-propylamine	ND	280	54	ug/Kg
Hexachloroethane	ND	280	46	ug/Kg
Nitrobenzene	ND	1,300	40	ug/Kg
Isophorone	ND	280	46	ug/Kg
2-Nitrophenol	ND	280	43	ug/Kg
2,4-Dimethylphenol	ND	280	45	ug/Kg
Benzoic acid	ND	1,300	150	ug/Kg
bis(2-Chloroethoxy)methane	ND	280	58	ug/Kg
2,4-Dichlorophenol	ND	280	51	ug/Kg
1,2,4-Trichlorobenzene	ND	280	45	ug/Kg
Naphthalene	ND	280	49	ug/Kg
4-Chloroaniline	ND	280	65	ug/Kg
Hexachlorobutadiene	ND	280	40	ug/Kg
4-Chloro-3-methylphenol	ND	280	66	ug/Kg
2-Methylnaphthalene	ND	280	41	ug/Kg
Hexachlorocyclopentadiene	ND	1,300	22	ug/Kg
2,4,6-Trichlorophenol	ND	280	36	ug/Kg
2,4,5-Trichlorophenol	ND	280	43	ug/Kg
2-Chloronaphthalene	ND	280	56	ug/Kg
2-Nitroaniline	ND	280	63	ug/Kg
Dimethylphthalate	ND	280	59	ug/Kg
Acenaphthylene	ND	280	51	ug/Kg
2,6-Dinitrotoluene	ND	280	47	ug/Kg
3-Nitroaniline	ND	280	59	ug/Kg
Acenaphthene	ND	280	49	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,300	57	ug/Kg
4-Nitrophenol	ND	280	180	ug/Kg
Dibenzofuran	ND	280	54	ug/Kg
2,4-Dinitrotoluene	ND	280	51	ug/Kg
Diethylphthalate	ND	280	57	ug/Kg
Fluorene	ND	280	54	ug/Kg
4-Chlorophenyl-phenylether	ND	280	48	ug/Kg
4-Nitroaniline	ND	280	93	ug/Kg
4,6-Dinitro-2-methylphenol	ND	280	41	ug/Kg
N-Nitrosodiphenylamine	ND	280	61	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	280	57	ug/Kg
4-Bromophenyl-phenylether	ND	280	62	ug/Kg
Hexachlorobenzene	ND	280	48	ug/Kg
Pentachlorophenol	ND	1,300	53	ug/Kg
Phenanthrene	ND	280	52	ug/Kg
Anthracene	ND	280	45	ug/Kg
Di-n-butylphthalate	ND	280	65	ug/Kg
Fluoranthene	ND	280	55	ug/Kg
Benzidine	ND	1,300	230	ug/Kg
Pyrene	ND	280	61	ug/Kg
Butylbenzylphthalate	ND	280	59	ug/Kg
3,3'-Dichlorobenzidine	ND	1,300	180	ug/Kg
Benzo(a)anthracene	ND	280	45	ug/Kg
Chrysene	ND	280	46	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	280	80	ug/Kg
Di-n-octylphthalate	ND	280	65	ug/Kg
Benzo(b)fluoranthene	ND	280	58	ug/Kg
Benzo(k)fluoranthene	ND	280	45	ug/Kg
Benzo(a)pyrene	ND	280	37	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	280	96	ug/Kg
Dibenz(a,h)anthracene	ND	280	31	ug/Kg
Benzo(g,h,i)perylene	ND	280	46	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	67	29-120
Phenol-d6	72	30-120
2,4,6-Tribromophenol	61	32-120
Nitrobenzene-d5	68	33-120
2-Fluorobiphenyl	63	39-120
Terphenyl-d14	69	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-10-031022-BRIONES **Dil Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-012 **Batch#:** 285490 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8270C

Basis: dry **Received:** 03/10/22 **Analyst:** HQN

Moisture: 14% **Prepared:** 03/14/22

Analyte	Result	RL	MDL	Units
Carbazole	ND	290	57	ug/Kg
1-Methylnaphthalene	ND	290	53	ug/Kg
Pyridine	ND	290	40	ug/Kg
N-Nitrosodimethylamine	ND	290	27	ug/Kg
Phenol	ND	290	57	ug/Kg
Aniline	ND	290	42	ug/Kg
bis(2-Chloroethyl)ether	ND	1,400	67	ug/Kg
2-Chlorophenol	ND	290	46	ug/Kg
1,3-Dichlorobenzene	ND	290	61	ug/Kg
1,4-Dichlorobenzene	ND	290	38	ug/Kg
Benzyl alcohol	ND	290	290	ug/Kg
1,2-Dichlorobenzene	ND	290	52	ug/Kg
2-Methylphenol	ND	290	120	ug/Kg
bis(2-Chloroisopropyl) ether	ND	290	53	ug/Kg
3-,4-Methylphenol	ND	470	70	ug/Kg
N-Nitroso-di-n-propylamine	ND	290	57	ug/Kg
Hexachloroethane	ND	290	49	ug/Kg
Nitrobenzene	ND	1,400	42	ug/Kg
Isophorone	ND	290	48	ug/Kg
2-Nitrophenol	ND	290	45	ug/Kg
2,4-Dimethylphenol	ND	290	47	ug/Kg
Benzoic acid	ND	1,400	160	ug/Kg
bis(2-Chloroethoxy)methane	ND	290	60	ug/Kg
2,4-Dichlorophenol	ND	290	54	ug/Kg
1,2,4-Trichlorobenzene	ND	290	47	ug/Kg
Naphthalene	ND	290	51	ug/Kg
4-Chloroaniline	ND	290	68	ug/Kg
Hexachlorobutadiene	ND	290	42	ug/Kg
4-Chloro-3-methylphenol	ND	290	70	ug/Kg
2-Methylnaphthalene	ND	290	43	ug/Kg
Hexachlorocyclopentadiene	ND	1,400	23	ug/Kg
2,4,6-Trichlorophenol	ND	290	38	ug/Kg
2,4,5-Trichlorophenol	ND	290	44	ug/Kg
2-Chloronaphthalene	ND	290	59	ug/Kg
2-Nitroaniline	ND	290	66	ug/Kg
Dimethylphthalate	ND	290	62	ug/Kg
Acenaphthylene	ND	290	54	ug/Kg
2,6-Dinitrotoluene	ND	290	49	ug/Kg
3-Nitroaniline	ND	290	62	ug/Kg
Acenaphthene	ND	290	51	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,400	60	ug/Kg
4-Nitrophenol	ND	290	190	ug/Kg
Dibenzofuran	ND	290	57	ug/Kg
2,4-Dinitrotoluene	ND	290	54	ug/Kg
Diethylphthalate	ND	290	60	ug/Kg
Fluorene	ND	290	56	ug/Kg
4-Chlorophenyl-phenylether	ND	290	50	ug/Kg
4-Nitroaniline	ND	290	97	ug/Kg
4,6-Dinitro-2-methylphenol	ND	290	42	ug/Kg
N-Nitrosodiphenylamine	ND	290	64	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	290	60	ug/Kg
4-Bromophenyl-phenylether	ND	290	65	ug/Kg
Hexachlorobenzene	ND	290	51	ug/Kg
Pentachlorophenol	ND	1,400	56	ug/Kg
Phenanthrene	ND	290	55	ug/Kg
Anthracene	ND	290	47	ug/Kg
Di-n-butylphthalate	ND	290	68	ug/Kg
Fluoranthene	ND	290	58	ug/Kg
Benzidine	ND	1,400	240	ug/Kg
Pyrene	ND	290	64	ug/Kg
Butylbenzylphthalate	ND	290	61	ug/Kg
3,3'-Dichlorobenzidine	ND	1,400	190	ug/Kg
Benzo(a)anthracene	ND	290	47	ug/Kg
Chrysene	ND	290	49	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	290	84	ug/Kg
Di-n-octylphthalate	ND	290	68	ug/Kg
Benzo(b)fluoranthene	ND	290	61	ug/Kg
Benzo(k)fluoranthene	ND	290	47	ug/Kg
Benzo(a)pyrene	ND	290	39	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	290	100	ug/Kg
Dibenz(a,h)anthracene	ND	290	33	ug/Kg
Benzo(g,h,i)perylene	ND	290	48	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	62	29-120
Phenol-d6	67	30-120
2,4,6-Tribromophenol	58	32-120
Nitrobenzene-d5	61	33-120
2-Fluorobiphenyl	58	39-120
Terphenyl-d14	65	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP99-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-013	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	13%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	290	57	ug/Kg
1-Methylnaphthalene	ND	290	53	ug/Kg
Pyridine	ND	290	39	ug/Kg
N-Nitrosodimethylamine	ND	290	26	ug/Kg
Phenol	ND	290	57	ug/Kg
Aniline	ND	290	42	ug/Kg
bis(2-Chloroethyl)ether	ND	1,400	66	ug/Kg
2-Chlorophenol	ND	290	46	ug/Kg
1,3-Dichlorobenzene	ND	290	60	ug/Kg
1,4-Dichlorobenzene	ND	290	37	ug/Kg
Benzyl alcohol	ND	290	290	ug/Kg
1,2-Dichlorobenzene	ND	290	51	ug/Kg
2-Methylphenol	ND	290	120	ug/Kg
bis(2-Chloroisopropyl) ether	ND	290	52	ug/Kg
3-,4-Methylphenol	ND	460	70	ug/Kg
N-Nitroso-di-n-propylamine	ND	290	56	ug/Kg
Hexachloroethane	ND	290	48	ug/Kg
Nitrobenzene	ND	1,400	42	ug/Kg
Isophorone	ND	290	47	ug/Kg
2-Nitrophenol	ND	290	44	ug/Kg
2,4-Dimethylphenol	ND	290	46	ug/Kg
Benzoic acid	ND	1,400	160	ug/Kg
bis(2-Chloroethoxy)methane	ND	290	60	ug/Kg
2,4-Dichlorophenol	ND	290	53	ug/Kg
1,2,4-Trichlorobenzene	ND	290	46	ug/Kg
Naphthalene	ND	290	51	ug/Kg
4-Chloroaniline	ND	290	67	ug/Kg
Hexachlorobutadiene	ND	290	41	ug/Kg
4-Chloro-3-methylphenol	ND	290	69	ug/Kg
2-Methylnaphthalene	ND	290	42	ug/Kg
Hexachlorocyclopentadiene	ND	1,400	23	ug/Kg
2,4,6-Trichlorophenol	ND	290	37	ug/Kg
2,4,5-Trichlorophenol	ND	290	44	ug/Kg
2-Chloronaphthalene	ND	290	58	ug/Kg
2-Nitroaniline	ND	290	65	ug/Kg
Dimethylphthalate	ND	290	61	ug/Kg
Acenaphthylene	ND	290	53	ug/Kg
2,6-Dinitrotoluene	ND	290	49	ug/Kg
3-Nitroaniline	ND	290	61	ug/Kg
Acenaphthene	ND	290	50	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,400	59	ug/Kg
4-Nitrophenol	ND	290	190	ug/Kg
Dibenzofuran	ND	290	56	ug/Kg
2,4-Dinitrotoluene	ND	290	53	ug/Kg
Diethylphthalate	ND	290	59	ug/Kg
Fluorene	ND	290	56	ug/Kg
4-Chlorophenyl-phenylether	ND	290	50	ug/Kg
4-Nitroaniline	ND	290	96	ug/Kg
4,6-Dinitro-2-methylphenol	ND	290	42	ug/Kg
N-Nitrosodiphenylamine	ND	290	63	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	290	59	ug/Kg
4-Bromophenyl-phenylether	ND	290	64	ug/Kg
Hexachlorobenzene	ND	290	50	ug/Kg
Pentachlorophenol	ND	1,400	55	ug/Kg
Phenanthrene	ND	290	54	ug/Kg
Anthracene	ND	290	47	ug/Kg
Di-n-butylphthalate	ND	290	68	ug/Kg
Fluoranthene	ND	290	57	ug/Kg
Benzidine	ND	1,400	240	ug/Kg
Pyrene	ND	290	63	ug/Kg
Butylbenzylphthalate	ND	290	61	ug/Kg
3,3'-Dichlorobenzidine	ND	1,400	180	ug/Kg
Benzo(a)anthracene	ND	290	47	ug/Kg
Chrysene	ND	290	48	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	290	83	ug/Kg
Di-n-octylphthalate	ND	290	67	ug/Kg
Benzo(b)fluoranthene	ND	290	60	ug/Kg
Benzo(k)fluoranthene	ND	290	46	ug/Kg
Benzo(a)pyrene	ND	290	38	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	290	99	ug/Kg
Dibenz(a,h)anthracene	ND	290	32	ug/Kg
Benzo(g,h,i)perylene	ND	290	48	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	59	29-120
Phenol-d6	64	30-120
2,4,6-Tribromophenol	64	32-120
Nitrobenzene-d5	58	33-120
2-Fluorobiphenyl	55	39-120
Terphenyl-d14	72	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP99-10-031022-BRIONES	**Dil'n Fac:**	2.000	**Analyzed:**	03/14/22
Lab ID:	459596-014	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	15%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	590	120	ug/Kg
1-Methylnaphthalene	ND	590	110	ug/Kg
Pyridine	ND	590	80	ug/Kg
N-Nitrosodimethylamine	ND	590	54	ug/Kg
Phenol	ND	590	120	ug/Kg
Aniline	ND	590	85	ug/Kg
bis(2-Chloroethyl)ether	ND	2,800	130	ug/Kg
2-Chlorophenol	ND	590	94	ug/Kg
1,3-Dichlorobenzene	ND	590	120	ug/Kg
1,4-Dichlorobenzene	ND	590	76	ug/Kg
Benzyl alcohol	ND	590	590	ug/Kg
1,2-Dichlorobenzene	ND	590	100	ug/Kg
2-Methylphenol	ND	590	250	ug/Kg
bis(2-Chloroisopropyl) ether	ND	590	110	ug/Kg
3-,4-Methylphenol	ND	940	140	ug/Kg
N-Nitroso-di-n-propylamine	ND	590	110	ug/Kg
Hexachloroethane	ND	590	98	ug/Kg
Nitrobenzene	ND	2,800	85	ug/Kg
Isophorone	ND	590	97	ug/Kg
2-Nitrophenol	ND	590	90	ug/Kg
2,4-Dimethylphenol	ND	590	95	ug/Kg
Benzoic acid	ND	2,800	320	ug/Kg
bis(2-Chloroethoxy)methane	ND	590	120	ug/Kg
2,4-Dichlorophenol	ND	590	110	ug/Kg
1,2,4-Trichlorobenzene	ND	590	94	ug/Kg
Naphthalene	ND	590	100	ug/Kg
4-Chloroaniline	ND	590	140	ug/Kg
Hexachlorobutadiene	ND	590	85	ug/Kg
4-Chloro-3-methylphenol	ND	590	140	ug/Kg
2-Methylnaphthalene	ND	590	86	ug/Kg
Hexachlorocyclopentadiene	ND	2,800	47	ug/Kg
2,4,6-Trichlorophenol	ND	590	77	ug/Kg
2,4,5-Trichlorophenol	ND	590	90	ug/Kg
2-Chloronaphthalene	ND	590	120	ug/Kg
2-Nitroaniline	ND	590	130	ug/Kg
Dimethylphthalate	ND	590	130	ug/Kg
Acenaphthylene	ND	590	110	ug/Kg
2,6-Dinitrotoluene	ND	590	99	ug/Kg
3-Nitroaniline	ND	590	120	ug/Kg
Acenaphthene	ND	590	100	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	2,800	120	ug/Kg
4-Nitrophenol	ND	590	390	ug/Kg
Dibenzofuran	ND	590	120	ug/Kg
2,4-Dinitrotoluene	ND	590	110	ug/Kg
Diethylphthalate	ND	590	120	ug/Kg
Fluorene	ND	590	110	ug/Kg
4-Chlorophenyl-phenylether	ND	590	100	ug/Kg
4-Nitroaniline	ND	590	200	ug/Kg
4,6-Dinitro-2-methylphenol	ND	590	86	ug/Kg
N-Nitrosodiphenylamine	ND	590	130	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	590	120	ug/Kg
4-Bromophenyl-phenylether	ND	590	130	ug/Kg
Hexachlorobenzene	ND	590	100	ug/Kg
Pentachlorophenol	ND	2,800	110	ug/Kg
Phenanthrene	ND	590	110	ug/Kg
Anthracene	ND	590	95	ug/Kg
Di-n-butylphthalate	ND	590	140	ug/Kg
Fluoranthene	ND	590	120	ug/Kg
Benzidine	ND	2,800	480	ug/Kg
Pyrene	ND	590	130	ug/Kg
Butylbenzylphthalate	ND	590	120	ug/Kg
3,3'-Dichlorobenzidine	ND	2,800	370	ug/Kg
Benzo(a)anthracene	ND	590	95	ug/Kg
Chrysene	ND	590	98	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	590	170	ug/Kg
Di-n-octylphthalate	ND	590	140	ug/Kg
Benzo(b)fluoranthene	ND	590	120	ug/Kg
Benzo(k)fluoranthene	ND	590	94	ug/Kg
Benzo(a)pyrene	ND	590	79	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	590	200	ug/Kg
Dibenz(a,h)anthracene	ND	590	66	ug/Kg
Benzo(g,h,i)perylene	ND	590	98	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	59	29-120
Phenol-d6	62	30-120
2,4,6-Tribromophenol	53	32-120
Nitrobenzene-d5	58	33-120
2-Fluorobiphenyl	54	39-120
Terphenyl-d14	64	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP100-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-015	**Batch#:**	285490	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8270C
Basis:	dry	**Received:**	03/10/22	**Analyst:**	HQN
Moisture:	15%	**Prepared:**	03/14/22		

Analyte	Result	RL	MDL	Units
Carbazole	ND	290	58	ug/Kg
1-Methylnaphthalene	ND	290	54	ug/Kg
Pyridine	ND	290	40	ug/Kg
N-Nitrosodimethylamine	ND	290	27	ug/Kg
Phenol	ND	290	58	ug/Kg
Aniline	ND	290	43	ug/Kg
bis(2-Chloroethyl)ether	ND	1,400	67	ug/Kg
2-Chlorophenol	ND	290	47	ug/Kg
1,3-Dichlorobenzene	ND	290	61	ug/Kg
1,4-Dichlorobenzene	ND	290	38	ug/Kg
Benzyl alcohol	ND	290	290	ug/Kg
1,2-Dichlorobenzene	ND	290	52	ug/Kg
2-Methylphenol	ND	290	130	ug/Kg
bis(2-Chloroisopropyl) ether	ND	290	53	ug/Kg
3-,4-Methylphenol	ND	470	71	ug/Kg
N-Nitroso-di-n-propylamine	ND	290	57	ug/Kg
Hexachloroethane	ND	290	49	ug/Kg
Nitrobenzene	ND	1,400	43	ug/Kg
Isophorone	ND	290	48	ug/Kg
2-Nitrophenol	ND	290	45	ug/Kg
2,4-Dimethylphenol	ND	290	48	ug/Kg
Benzoic acid	ND	1,400	160	ug/Kg
bis(2-Chloroethoxy)methane	ND	290	61	ug/Kg
2,4-Dichlorophenol	ND	290	54	ug/Kg
1,2,4-Trichlorobenzene	ND	290	47	ug/Kg
Naphthalene	ND	290	52	ug/Kg
4-Chloroaniline	ND	290	69	ug/Kg
Hexachlorobutadiene	ND	290	42	ug/Kg
4-Chloro-3-methylphenol	ND	290	70	ug/Kg
2-Methylnaphthalene	ND	290	43	ug/Kg
Hexachlorocyclopentadiene	ND	1,400	23	ug/Kg
2,4,6-Trichlorophenol	ND	290	38	ug/Kg
2,4,5-Trichlorophenol	ND	290	45	ug/Kg
2-Chloronaphthalene	ND	290	60	ug/Kg
2-Nitroaniline	ND	290	67	ug/Kg
Dimethylphthalate	ND	290	63	ug/Kg
Acenaphthylene	ND	290	54	ug/Kg
2,6-Dinitrotoluene	ND	290	50	ug/Kg
3-Nitroaniline	ND	290	62	ug/Kg
Acenaphthene	ND	290	51	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
2,4-Dinitrophenol	ND	1,400	60	ug/Kg
4-Nitrophenol	ND	290	200	ug/Kg
Dibenzofuran	ND	290	58	ug/Kg
2,4-Dinitrotoluene	ND	290	54	ug/Kg
Diethylphthalate	ND	290	60	ug/Kg
Fluorene	ND	290	57	ug/Kg
4-Chlorophenyl-phenylether	ND	290	51	ug/Kg
4-Nitroaniline	ND	290	99	ug/Kg
4,6-Dinitro-2-methylphenol	ND	290	43	ug/Kg
N-Nitrosodiphenylamine	ND	290	65	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	290	60	ug/Kg
4-Bromophenyl-phenylether	ND	290	66	ug/Kg
Hexachlorobenzene	ND	290	51	ug/Kg
Pentachlorophenol	ND	1,400	57	ug/Kg
Phenanthrene	ND	290	55	ug/Kg
Anthracene	ND	290	48	ug/Kg
Di-n-butylphthalate	ND	290	69	ug/Kg
Fluoranthene	ND	290	58	ug/Kg
Benzidine	ND	1,400	240	ug/Kg
Pyrene	ND	290	64	ug/Kg
Butylbenzylphthalate	ND	290	62	ug/Kg
3,3'-Dichlorobenzidine	ND	1,400	190	ug/Kg
Benzo(a)anthracene	ND	290	48	ug/Kg
Chrysene	ND	290	49	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	290	85	ug/Kg
Di-n-octylphthalate	ND	290	69	ug/Kg
Benzo(b)fluoranthene	ND	290	62	ug/Kg
Benzo(k)fluoranthene	ND	290	47	ug/Kg
Benzo(a)pyrene	ND	290	39	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	290	100	ug/Kg
Dibenz(a,h)anthracene	ND	290	33	ug/Kg
Benzo(g,h,i)perylene	ND	290	49	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	58	29-120
Phenol-d6	60	30-120
2,4,6-Tribromophenol	59	32-120
Nitrobenzene-d5	56	33-120
2-Fluorobiphenyl	52	39-120
Terphenyl-d14	66	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Batch#:** 285490 **Analysis:** EPA 8270C

Lab ID: QC977324 **Prepared:** 03/14/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 03/14/22

Dil'n Fac: 1.000 **Prep:** EPA 3546

Analyte	Result	RL	MDL	Units
Carbazole	ND	250	73	ug/Kg
1-Methylnaphthalene	ND	250	36	ug/Kg
Pyridine	ND	250	220	ug/Kg
N-Nitrosodimethylamine	ND	250	41	ug/Kg
Phenol	ND	250	36	ug/Kg
Aniline	ND	250	54	ug/Kg
bis(2-Chloroethyl)ether	ND	1,200	16	ug/Kg
2-Chlorophenol	ND	250	32	ug/Kg
1,3-Dichlorobenzene	ND	250	30	ug/Kg
1,4-Dichlorobenzene	ND	250	26	ug/Kg
Benzyl alcohol	ND	250	39	ug/Kg
1,2-Dichlorobenzene	ND	250	21	ug/Kg
2-Methylphenol	ND	250	21	ug/Kg
bis(2-Chloroisopropyl) ether	ND	250	26	ug/Kg
3-,4-Methylphenol	ND	400	42	ug/Kg
N-Nitroso-di-n-propylamine	ND	250	32	ug/Kg
Hexachloroethane	ND	250	26	ug/Kg
Nitrobenzene	ND	1,200	34	ug/Kg
Isophorone	ND	250	27	ug/Kg
2-Nitrophenol	ND	250	20	ug/Kg
2,4-Dimethylphenol	ND	250	77	ug/Kg
Benzoic acid	ND	1,200	76	ug/Kg
bis(2-Chloroethoxy)methane	ND	250	36	ug/Kg
2,4-Dichlorophenol	ND	250	23	ug/Kg
1,2,4-Trichlorobenzene	ND	250	31	ug/Kg
Naphthalene	ND	250	26	ug/Kg
4-Chloroaniline	ND	250	44	ug/Kg
Hexachlorobutadiene	ND	250	25	ug/Kg
4-Chloro-3-methylphenol	ND	250	23	ug/Kg
2-Methylnaphthalene	ND	250	26	ug/Kg
Hexachlorocyclopentadiene	ND	1,200	47	ug/Kg
2,4,6-Trichlorophenol	ND	250	33	ug/Kg
2,4,5-Trichlorophenol	ND	250	34	ug/Kg
2-Chloronaphthalene	ND	250	32	ug/Kg
2-Nitroaniline	ND	250	36	ug/Kg
Dimethylphthalate	ND	250	38	ug/Kg
Acenaphthylene	ND	250	34	ug/Kg
2,6-Dinitrotoluene	ND	250	43	ug/Kg
3-Nitroaniline	ND	250	49	ug/Kg
Acenaphthene	ND	250	32	ug/Kg
2,4-Dinitrophenol	ND	1,200	49	ug/Kg

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Analyte	Result	RL	MDL	Units
4-Nitrophenol	ND	250	26	ug/Kg
Dibenzofuran	ND	250	34	ug/Kg
2,4-Dinitrotoluene	ND	250	29	ug/Kg
Diethylphthalate	ND	250	45	ug/Kg
Fluorene	ND	250	35	ug/Kg
4-Chlorophenyl-phenylether	ND	250	37	ug/Kg
4-Nitroaniline	ND	250	37	ug/Kg
4,6-Dinitro-2-methylphenol	ND	250	32	ug/Kg
N-Nitrosodiphenylamine	ND	250	43	ug/Kg
1,2-diphenylhydrazine (as azobenzene)	ND	250	42	ug/Kg
4-Bromophenyl-phenylether	ND	250	38	ug/Kg
Hexachlorobenzene	ND	250	45	ug/Kg
Pentachlorophenol	ND	1,200	43	ug/Kg
Phenanthrene	ND	250	70	ug/Kg
Anthracene	ND	250	60	ug/Kg
Di-n-butylphthalate	ND	250	79	ug/Kg
Fluoranthene	ND	250	81	ug/Kg
Benzidine	ND	1,200	72	ug/Kg
Pyrene	ND	250	81	ug/Kg
Butylbenzylphthalate	ND	250	60	ug/Kg
3,3'-Dichlorobenzidine	ND	1,200	170	ug/Kg
Benzo(a)anthracene	ND	250	85	ug/Kg
Chrysene	ND	250	83	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	250	68	ug/Kg
Di-n-octylphthalate	ND	250	57	ug/Kg
Benzo(b)fluoranthene	ND	250	70	ug/Kg
Benzo(k)fluoranthene	ND	250	78	ug/Kg
Benzo(a)pyrene	ND	250	62	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	250	67	ug/Kg
Dibenz(a,h)anthracene	ND	250	52	ug/Kg
Benzo(g,h,i)perylene	ND	250	70	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	83	29-120
Phenol-d6	82	30-120
2,4,6-Tribromophenol	75	32-120
Nitrobenzene-d5	70	33-120
2-Fluorobiphenyl	76	39-120
Terphenyl-d14	84	44-125

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285490 **Analysis:** EPA 8270C

Lab ID: QC977325 **Prepared:** 03/14/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 03/14/22

Dil'n Fac: 1.000 **Prep:** EPA 3546

Analyte	Spiked	Result	%REC	Limits	Units
Phenol	3,750	3,028	81	42-120	ug/Kg
2-Chlorophenol	3,750	3,060	82	41-120	ug/Kg
1,4-Dichlorobenzene	3,750	2,959	79	36-120	ug/Kg
3-,4-Methylphenol	3,750	3,035	81	42-120	ug/Kg
N-Nitroso-di-n-propylamine	3,750	2,832	76	43-121	ug/Kg
2,4-Dimethylphenol	3,750	2,971	79	25-120	ug/Kg
1,2,4-Trichlorobenzene	3,750	2,857	76	38-120	ug/Kg
4-Chloro-3-methylphenol	3,750	2,881	77	40-125	ug/Kg
2,4,5-Trichlorophenol	3,750	2,965	79	40-124	ug/Kg
Acenaphthene	3,750	2,956	79	35-126	ug/Kg
4-Nitrophenol	3,750	2,744	73	24-128	ug/Kg
2,4-Dinitrotoluene	3,750	2,920	78	40-131	ug/Kg
Pentachlorophenol	3,750	2,195	59	35-120	ug/Kg
Pyrene	3,750	2,932	78	37-135	ug/Kg
Chrysene	3,750	3,077	82	38-132	ug/Kg
Benzo(b)fluoranthene	3,750	3,295	88	38-135	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	83	29-120
Phenol-d6	90	30-120
2,4,6-Tribromophenol	76	32-120
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	76	39-120
Terphenyl-d14	85	44-125

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285490	**Analyzed:**	03/14/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 8270C
Lab ID:	QC977326	**Dil'n Fac:**	1.000	**Prepared:**	03/14/22	**Analyst:**	TJW

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Phenol	<42.18	4,360	2,007	46	37-120	ug/Kg
2-Chlorophenol	<36.78	4,360	2,039	47	33-120	ug/Kg
1,4-Dichlorobenzene	<30.02	4,360	2,029	47	32-120	ug/Kg
3-,4-Methylphenol	<48.77	4,360	2,081	48	37-120	ug/Kg
N-Nitroso-di-n-propylamine	<37.06	4,360	1,962	45	32-120	ug/Kg
2,4-Dimethylphenol	<89.65	4,360	2,125	49	32-120	ug/Kg
1,2,4-Trichlorobenzene	<35.75	4,360	1,900	44	33-120	ug/Kg
4-Chloro-3-methylphenol	<26.76	4,360	2,412	55	41-121	ug/Kg
2,4,5-Trichlorophenol	<39.94	4,360	2,448	56	40-120	ug/Kg
Acenaphthene	<37.01	4,360	2,206	51	37-120	ug/Kg
4-Nitrophenol	<29.84	4,360	2,202	50	20-141	ug/Kg
2,4-Dinitrotoluene	<33.44	4,360	2,260	52	33-128	ug/Kg
Pentachlorophenol	<50.26	4,360	1,806	41	28-132	ug/Kg
Pyrene	<93.85	4,360	2,502	57	39-135	ug/Kg
Chrysene	<96.53	4,360	2,514	58	37-135	ug/Kg
Benzo(b)fluoranthene	<81.12	4,360	2,865	66	34-139	ug/Kg

Surrogate	%REC	Limits
2-Fluorophenol	50	29-120
Phenol-d6	50	30-120
2,4,6-Tribromophenol	55	32-120
Nitrobenzene-d5	44	33-120
2-Fluorobiphenyl	47	39-120
Terphenyl-d14	62	44-125

ENTHALPY ANALYTICAL

EPA 8270 Semi-Volatile Organics: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285490	**Analyzed:**	03/14/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 8270C
Lab ID:	QC977327	**Dil'n Fac:**	1.000	**Prepared:**	03/14/22	**Analyst:**	TJW

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Phenol	4,360	3,153	72	37-120	ug/Kg	44	49
2-Chlorophenol	4,360	3,285	75	33-120	ug/Kg	47	52
1,4-Dichlorobenzene	4,360	3,139	72	32-120	ug/Kg	43	50
3-,4-Methylphenol	4,360	3,164	73	37-120	ug/Kg	41	54
N-Nitroso-di-n-propylamine	4,360	3,039	70	32-120	ug/Kg	43	50
2,4-Dimethylphenol	4,360	2,878	66	32-120	ug/Kg	30	50
1,2,4-Trichlorobenzene	4,360	3,072	70	33-120	ug/Kg	47	50
4-Chloro-3-methylphenol	4,360	3,035	70	41-121	ug/Kg	23	43
2,4,5-Trichlorophenol	4,360	3,200	73	40-120	ug/Kg	27	47
Acenaphthene	4,360	3,153	72	37-120	ug/Kg	35	48
4-Nitrophenol	4,360	2,644	61	20-141	ug/Kg	18	30
2,4-Dinitrotoluene	4,360	3,029	69	33-128	ug/Kg	29	50
Pentachlorophenol	4,360	2,220	51	28-132	ug/Kg	21	30
Pyrene	4,360	3,087	71	39-135	ug/Kg	21	41
Chrysene	4,360	3,233	74	37-135	ug/Kg	25	46
Benzo(b)fluoranthene	4,360	3,549	81	34-139	ug/Kg	21	47

Surrogate	%REC	Limits
2-Fluorophenol	76	29-120
Phenol-d6	78	30-120
2,4,6-Tribromophenol	65	32-120
Nitrobenzene-d5	71	33-120
2-Fluorobiphenyl	69	39-120
Terphenyl-d14	75	44-125

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Diln Fac:**	5.000	**Analyzed:**	03/14/22
Lab ID:	459596-001	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TJW
Moisture:	14%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	29	3.5	ug/Kg
beta-BHC	ND	29	3.2	ug/Kg
gamma-BHC	ND	29	2.9	ug/Kg
delta-BHC	ND	29	7.6	ug/Kg
Heptachlor	ND	29	4.0	ug/Kg
Aldrin	ND	29	6.6	ug/Kg
Heptachlor epoxide	ND	29	5.5	ug/Kg
Endosulfan I	ND	29	5.7	ug/Kg
Dieldrin	ND	29	5.4	ug/Kg
4,4'-DDE	ND	29	5.3	ug/Kg
Endrin	ND	29	11	ug/Kg
Endosulfan II	ND	29	6.6	ug/Kg
Endosulfan sulfate	ND	29	5.6	ug/Kg
4,4'-DDD	ND	29	4.3	ug/Kg
Endrin aldehyde	ND	29	7.0	ug/Kg
Endrin ketone	ND	29	5.5	ug/Kg
4,4'-DDT	ND	29	5.4	ug/Kg
Methoxychlor	ND	58	18	ug/Kg
Toxaphene	ND	580	100	ug/Kg
Chlordane (Technical)	ND	290	120	ug/Kg

Surrogate	%REC	Limits
TCMX	94	23-120
Decachlorobiphenyl	100	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-10-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-002	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	14%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.8	0.70	ug/Kg
beta-BHC	ND	5.8	0.64	ug/Kg
gamma-BHC	ND	5.8	0.59	ug/Kg
delta-BHC	ND	5.8	1.5	ug/Kg
Heptachlor	ND	5.8	0.79	ug/Kg
Aldrin	ND	5.8	1.3	ug/Kg
Heptachlor epoxide	ND	5.8	1.1	ug/Kg
Endosulfan I	ND	5.8	1.1	ug/Kg
Dieldrin	ND	5.8	1.1	ug/Kg
4,4'-DDE	ND	5.8	1.1	ug/Kg
Endrin	ND	5.8	2.2	ug/Kg
Endosulfan II	ND	5.8	1.3	ug/Kg
Endosulfan sulfate	ND	5.8	1.1	ug/Kg
4,4'-DDD	ND	5.8	0.85	ug/Kg
Endrin aldehyde	ND	5.8	1.4	ug/Kg
Endrin ketone	ND	5.8	1.1	ug/Kg
4,4'-DDT	ND	5.8	1.1	ug/Kg
Methoxychlor	ND	12	3.5	ug/Kg
Toxaphene	ND	120	20	ug/Kg
Chlordane (Technical)	ND	58	24	ug/Kg

Surrogate	%REC	Limits
TCMX	91	23-120
Decachlorobiphenyl	81	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP91-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-003	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	16%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	6.0	0.72	ug/Kg
beta-BHC	ND	6.0	0.66	ug/Kg
gamma-BHC	ND	6.0	0.60	ug/Kg
delta-BHC	ND	6.0	1.6	ug/Kg
Heptachlor	ND	6.0	0.81	ug/Kg
Aldrin	ND	6.0	1.4	ug/Kg
Heptachlor epoxide	ND	6.0	1.1	ug/Kg
Endosulfan I	ND	6.0	1.2	ug/Kg
Dieldrin	ND	6.0	1.1	ug/Kg
4,4'-DDE	ND	6.0	1.1	ug/Kg
Endrin	ND	6.0	2.3	ug/Kg
Endosulfan II	ND	6.0	1.3	ug/Kg
Endosulfan sulfate	ND	6.0	1.1	ug/Kg
4,4'-DDD	ND	6.0	0.87	ug/Kg
Endrin aldehyde	ND	6.0	1.4	ug/Kg
Endrin ketone	ND	6.0	1.1	ug/Kg
4,4'-DDT	ND	6.0	1.1	ug/Kg
Methoxychlor	ND	12	3.6	ug/Kg
Toxaphene	ND	120	21	ug/Kg
Chlordane (Technical)	ND	60	24	ug/Kg

Surrogate	%REC	Limits
TCMX	91	23-120
Decachlorobiphenyl	82	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP91-10-031022-BRIONES	**Dil Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-004	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	9%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.5	0.66	ug/Kg
beta-BHC	ND	5.5	0.60	ug/Kg
gamma-BHC	ND	5.5	0.56	ug/Kg
delta-BHC	ND	5.5	1.4	ug/Kg
Heptachlor	ND	5.5	0.75	ug/Kg
Aldrin	ND	5.5	1.2	ug/Kg
Heptachlor epoxide	ND	5.5	1.0	ug/Kg
Endosulfan I	ND	5.5	1.1	ug/Kg
Dieldrin	ND	5.5	1.0	ug/Kg
4,4'-DDE	ND	5.5	1.0	ug/Kg
Endrin	ND	5.5	2.1	ug/Kg
Endosulfan II	ND	5.5	1.2	ug/Kg
Endosulfan sulfate	ND	5.5	1.1	ug/Kg
4,4'-DDD	ND	5.5	0.81	ug/Kg
Endrin aldehyde	ND	5.5	1.3	ug/Kg
Endrin ketone	ND	5.5	1.0	ug/Kg
4,4'-DDT	ND	5.5	1.0	ug/Kg
Methoxychlor	ND	11	3.3	ug/Kg
Toxaphene	ND	110	19	ug/Kg
Chlordane (Technical)	ND	55	22	ug/Kg

Surrogate	%REC	Limits
TCMX	96	23-120
Decachlorobiphenyl	78	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP191-10-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-005	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	10%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.6	0.67	ug/Kg
beta-BHC	ND	5.6	0.61	ug/Kg
gamma-BHC	ND	5.6	0.56	ug/Kg
delta-BHC	ND	5.6	1.5	ug/Kg
Heptachlor	ND	5.6	0.76	ug/Kg
Aldrin	ND	5.6	1.3	ug/Kg
Heptachlor epoxide	ND	5.6	1.0	ug/Kg
Endosulfan I	ND	5.6	1.1	ug/Kg
Dieldrin	ND	5.6	1.0	ug/Kg
4,4'-DDE	ND	5.6	1.0	ug/Kg
Endrin	ND	5.6	2.1	ug/Kg
Endosulfan II	ND	5.6	1.3	ug/Kg
Endosulfan sulfate	ND	5.6	1.1	ug/Kg
4,4'-DDD	ND	5.6	0.81	ug/Kg
Endrin aldehyde	ND	5.6	1.3	ug/Kg
Endrin ketone	ND	5.6	1.1	ug/Kg
4,4'-DDT	ND	5.6	1.0	ug/Kg
Methoxychlor	ND	11	3.3	ug/Kg
Toxaphene	ND	110	19	ug/Kg
Chlordane (Technical)	ND	56	22	ug/Kg

Surrogate	%REC	Limits
TCMX	91	23-120
Decachlorobiphenyl	74	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP93-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-006	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	12%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units	Qual
alpha-BHC	ND	5.7	0.69	ug/Kg	
beta-BHC	ND	5.7	0.63	ug/Kg	
gamma-BHC	ND	5.7	0.58	ug/Kg	
delta-BHC	ND	5.7	1.5	ug/Kg	
Heptachlor	ND	5.7	0.77	ug/Kg	
Aldrin	ND	5.7	1.3	ug/Kg	
Heptachlor epoxide	ND	5.7	1.1	ug/Kg	
Endosulfan I	ND	5.7	1.1	ug/Kg	
Dieldrin	ND	5.7	1.1	ug/Kg	
4,4'-DDE	ND	5.7	1.0	ug/Kg	
Endrin	ND	5.7	2.2	ug/Kg	
Endosulfan II	ND	5.7	1.3	ug/Kg	
Endosulfan sulfate	ND	5.7	1.1	ug/Kg	
4,4'-DDD	ND	5.7	0.83	ug/Kg	
Endrin aldehyde	ND	5.7	1.4	ug/Kg	
Endrin ketone	ND	5.7	1.1	ug/Kg	
4,4'-DDT	**2.9 J**	5.7	1.1	ug/Kg	C
Methoxychlor	ND	11	3.4	ug/Kg	
Toxaphene	ND	110	20	ug/Kg	
Chlordane (Technical)	ND	57	23	ug/Kg	

Surrogate	%REC	Limits
TCMX	90	23-120
Decachlorobiphenyl	68	24-120

Legend

C: Presence confirmed, but RPD between columns exceeds 40%

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP93-10-031022-BRIONES	**Dil Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-007	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	13%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.7	0.70	ug/Kg
beta-BHC	ND	5.7	0.63	ug/Kg
gamma-BHC	ND	5.7	0.58	ug/Kg
delta-BHC	ND	5.7	1.5	ug/Kg
Heptachlor	ND	5.7	0.78	ug/Kg
Aldrin	ND	5.7	1.3	ug/Kg
Heptachlor epoxide	ND	5.7	1.1	ug/Kg
Endosulfan I	ND	5.7	1.1	ug/Kg
Dieldrin	ND	5.7	1.1	ug/Kg
4,4'-DDE	ND	5.7	1.1	ug/Kg
Endrin	ND	5.7	2.2	ug/Kg
Endosulfan II	ND	5.7	1.3	ug/Kg
Endosulfan sulfate	ND	5.7	1.1	ug/Kg
4,4'-DDD	ND	5.7	0.84	ug/Kg
Endrin aldehyde	ND	5.7	1.4	ug/Kg
Endrin ketone	ND	5.7	1.1	ug/Kg
4,4'-DDT	ND	5.7	1.1	ug/Kg
Methoxychlor	ND	11	3.5	ug/Kg
Toxaphene	ND	110	20	ug/Kg
Chlordane (Technical)	ND	57	23	ug/Kg

Surrogate	%REC	Limits
TCMX	87	23-120
Decachlorobiphenyl	65	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP94-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-008	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	8%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.4	0.66	ug/Kg
beta-BHC	ND	5.4	0.60	ug/Kg
gamma-BHC	ND	5.4	0.55	ug/Kg
delta-BHC	ND	5.4	1.4	ug/Kg
Heptachlor	ND	5.4	0.74	ug/Kg
Aldrin	ND	5.4	1.2	ug/Kg
Heptachlor epoxide	ND	5.4	1.0	ug/Kg
Endosulfan I	ND	5.4	1.1	ug/Kg
Dieldrin	ND	5.4	1.0	ug/Kg
4,4'-DDE	ND	5.4	0.99	ug/Kg
Endrin	ND	5.4	2.1	ug/Kg
Endosulfan II	ND	5.4	1.2	ug/Kg
Endosulfan sulfate	ND	5.4	1.0	ug/Kg
4,4'-DDD	ND	5.4	0.80	ug/Kg
Endrin aldehyde	ND	5.4	1.3	ug/Kg
Endrin ketone	ND	5.4	1.0	ug/Kg
4,4'-DDT	ND	5.4	1.0	ug/Kg
Methoxychlor	ND	11	3.3	ug/Kg
Toxaphene	ND	110	19	ug/Kg
Chlordane (Technical)	ND	54	22	ug/Kg

Surrogate	%REC	Limits
TCMX	92	23-120
Decachlorobiphenyl	71	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP94-10-031022-BRIONES	**Dil Fac:**	5.000	**Analyzed:**	03/14/22
Lab ID:	459596-009	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	11%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	28	3.4	ug/Kg
beta-BHC	ND	28	3.1	ug/Kg
gamma-BHC	ND	28	2.8	ug/Kg
delta-BHC	ND	28	7.4	ug/Kg
Heptachlor	ND	28	3.8	ug/Kg
Aldrin	ND	28	6.4	ug/Kg
Heptachlor epoxide	ND	28	5.3	ug/Kg
Endosulfan I	ND	28	5.5	ug/Kg
Dieldrin	ND	28	5.3	ug/Kg
4,4'-DDE	ND	28	5.1	ug/Kg
Endrin	ND	28	11	ug/Kg
Endosulfan II	ND	28	6.4	ug/Kg
Endosulfan sulfate	ND	28	5.4	ug/Kg
4,4'-DDD	ND	28	4.1	ug/Kg
Endrin aldehyde	ND	28	6.8	ug/Kg
Endrin ketone	ND	28	5.3	ug/Kg
4,4'-DDT	ND	28	5.2	ug/Kg
Methoxychlor	ND	56	17	ug/Kg
Toxaphene	ND	560	98	ug/Kg
Chlordane (Technical)	ND	280	110	ug/Kg

Surrogate	%REC	Limits
TCMX	92	23-120
Decachlorobiphenyl	73	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP97-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/15/22
Lab ID:	459596-010	**Batch#:**	285549	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	10%	**Prepared:**	03/15/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.6	0.67	ug/Kg
beta-BHC	ND	5.6	0.61	ug/Kg
gamma-BHC	ND	5.6	0.56	ug/Kg
delta-BHC	ND	5.6	1.5	ug/Kg
Heptachlor	ND	5.6	0.76	ug/Kg
Aldrin	ND	5.6	1.3	ug/Kg
Heptachlor epoxide	ND	5.6	1.0	ug/Kg
Endosulfan I	ND	5.6	1.1	ug/Kg
Dieldrin	ND	5.6	1.0	ug/Kg
4,4'-DDE	ND	5.6	1.0	ug/Kg
Endrin	ND	5.6	2.1	ug/Kg
Endosulfan II	ND	5.6	1.3	ug/Kg
Endosulfan sulfate	ND	5.6	1.1	ug/Kg
4,4'-DDD	ND	5.6	0.81	ug/Kg
Endrin aldehyde	ND	5.6	1.3	ug/Kg
Endrin ketone	ND	5.6	1.1	ug/Kg
4,4'-DDT	ND	5.6	1.0	ug/Kg
Methoxychlor	ND	11	3.3	ug/Kg
Toxaphene	ND	110	19	ug/Kg
Chlordane (Technical)	ND	56	22	ug/Kg

Surrogate	%REC	Limits
TCMX	90	23-120
Decachlorobiphenyl	79	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP98-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-011	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	10%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.6	0.67	ug/Kg
beta-BHC	ND	5.6	0.61	ug/Kg
gamma-BHC	ND	5.6	0.56	ug/Kg
delta-BHC	ND	5.6	1.5	ug/Kg
Heptachlor	ND	5.6	0.76	ug/Kg
Aldrin	ND	5.6	1.3	ug/Kg
Heptachlor epoxide	ND	5.6	1.0	ug/Kg
Endosulfan I	ND	5.6	1.1	ug/Kg
Dieldrin	ND	5.6	1.0	ug/Kg
4,4'-DDE	ND	5.6	1.0	ug/Kg
Endrin	ND	5.6	2.1	ug/Kg
Endosulfan II	ND	5.6	1.3	ug/Kg
Endosulfan sulfate	ND	5.6	1.1	ug/Kg
4,4'-DDD	ND	5.6	0.81	ug/Kg
Endrin aldehyde	ND	5.6	1.3	ug/Kg
Endrin ketone	ND	5.6	1.1	ug/Kg
4,4'-DDT	ND	5.6	1.0	ug/Kg
Methoxychlor	ND	11	3.3	ug/Kg
Toxaphene	ND	110	19	ug/Kg
Chlordane (Technical)	ND	56	22	ug/Kg

Surrogate	%REC	Limits
TCMX	91	23-120
Decachlorobiphenyl	64	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP98-10-031022-BRIONES	**Dil Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-012	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	14%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units	Qual
alpha-BHC	ND	5.8	0.70	ug/Kg	
beta-BHC	ND	5.8	0.64	ug/Kg	
gamma-BHC	ND	5.8	0.59	ug/Kg	
delta-BHC	ND	5.8	1.5	ug/Kg	
Heptachlor	ND	5.8	0.79	ug/Kg	
Aldrin	ND	5.8	1.3	ug/Kg	
Heptachlor epoxide	ND	5.8	1.1	ug/Kg	
Endosulfan I	ND	5.8	1.1	ug/Kg	
Dieldrin	ND	5.8	1.1	ug/Kg	
4,4'-DDE	ND	5.8	1.1	ug/Kg	
Endrin	ND	5.8	2.2	ug/Kg	
Endosulfan II	ND	5.8	1.3	ug/Kg	
Endosulfan sulfate	ND	5.8	1.1	ug/Kg	
4,4'-DDD	ND	5.8	0.85	ug/Kg	
Endrin aldehyde	ND	5.8	1.4	ug/Kg	
Endrin ketone	ND	5.8	1.1	ug/Kg	
4,4'-DDT	**2.8 J**	5.8	1.1	ug/Kg	C
Methoxychlor	ND	12	3.5	ug/Kg	
Toxaphene	ND	120	20	ug/Kg	
Chlordane (Technical)	ND	58	24	ug/Kg	

Surrogate	%REC	Limits
TCMX	96	23-120
Decachlorobiphenyl	69	24-120

Legend

C: Presence confirmed, but RPD between columns exceeds 40%

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP99-5-031022-BRIONES	**Diln Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-013	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	13%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.7	0.70	ug/Kg
beta-BHC	ND	5.7	0.63	ug/Kg
gamma-BHC	ND	5.7	0.58	ug/Kg
delta-BHC	ND	5.7	1.5	ug/Kg
Heptachlor	ND	5.7	0.78	ug/Kg
Aldrin	ND	5.7	1.3	ug/Kg
Heptachlor epoxide	ND	5.7	1.1	ug/Kg
Endosulfan I	ND	5.7	1.1	ug/Kg
Dieldrin	ND	5.7	1.1	ug/Kg
4,4'-DDE	ND	5.7	1.1	ug/Kg
Endrin	ND	5.7	2.2	ug/Kg
Endosulfan II	ND	5.7	1.3	ug/Kg
Endosulfan sulfate	ND	5.7	1.1	ug/Kg
4,4'-DDD	ND	5.7	0.84	ug/Kg
Endrin aldehyde	ND	5.7	1.4	ug/Kg
Endrin ketone	ND	5.7	1.1	ug/Kg
4,4'-DDT	ND	5.7	1.1	ug/Kg
Methoxychlor	ND	11	3.5	ug/Kg
Toxaphene	ND	110	20	ug/Kg
Chlordane (Technical)	ND	57	23	ug/Kg

Surrogate	%REC	Limits
TCMX	97	23-120
Decachlorobiphenyl	69	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP99-10-031022-BRIONES	**Dil Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-014	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	15%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.9	0.71	ug/Kg
beta-BHC	ND	5.9	0.65	ug/Kg
gamma-BHC	ND	5.9	0.60	ug/Kg
delta-BHC	ND	5.9	1.5	ug/Kg
Heptachlor	ND	5.9	0.80	ug/Kg
Aldrin	ND	5.9	1.3	ug/Kg
Heptachlor epoxide	ND	5.9	1.1	ug/Kg
Endosulfan I	ND	5.9	1.2	ug/Kg
Dieldrin	ND	5.9	1.1	ug/Kg
4,4'-DDE	ND	5.9	1.1	ug/Kg
Endrin	ND	5.9	2.3	ug/Kg
Endosulfan II	ND	5.9	1.3	ug/Kg
Endosulfan sulfate	ND	5.9	1.1	ug/Kg
4,4'-DDD	ND	5.9	0.86	ug/Kg
Endrin aldehyde	ND	5.9	1.4	ug/Kg
Endrin ketone	ND	5.9	1.1	ug/Kg
4,4'-DDT	ND	5.9	1.1	ug/Kg
Methoxychlor	ND	12	3.5	ug/Kg
Toxaphene	ND	120	21	ug/Kg
Chlordane (Technical)	ND	59	24	ug/Kg

Surrogate	%REC	Limits
TCMX	88	23-120
Decachlorobiphenyl	69	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP100-5-031022-BRIONES	**Dil Fac:**	1.000	**Analyzed:**	03/14/22
Lab ID:	459596-015	**Batch#:**	285461	**Prep:**	EPA 3546
Matrix:	Soil	**Sampled:**	03/10/22	**Analysis:**	EPA 8081A
Basis:	dry	**Received:**	03/10/22	**Analyst:**	TRN
Moisture:	15%	**Prepared:**	03/13/22		

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.9	0.71	ug/Kg
beta-BHC	ND	5.9	0.65	ug/Kg
gamma-BHC	ND	5.9	0.60	ug/Kg
delta-BHC	ND	5.9	1.5	ug/Kg
Heptachlor	ND	5.9	0.80	ug/Kg
Aldrin	ND	5.9	1.3	ug/Kg
Heptachlor epoxide	ND	5.9	1.1	ug/Kg
Endosulfan I	ND	5.9	1.2	ug/Kg
Dieldrin	ND	5.9	1.1	ug/Kg
4,4'-DDE	ND	5.9	1.1	ug/Kg
Endrin	ND	5.9	2.3	ug/Kg
Endosulfan II	ND	5.9	1.3	ug/Kg
Endosulfan sulfate	ND	5.9	1.1	ug/Kg
4,4'-DDD	ND	5.9	0.86	ug/Kg
Endrin aldehyde	ND	5.9	1.4	ug/Kg
Endrin ketone	ND	5.9	1.1	ug/Kg
4,4'-DDT	ND	5.9	1.1	ug/Kg
Methoxychlor	ND	12	3.5	ug/Kg
Toxaphene	ND	120	21	ug/Kg
Chlordane (Technical)	ND	59	24	ug/Kg

Surrogate	%REC	Limits
TCMX	88	23-120
Decachlorobiphenyl	68	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Batch#:** 285461 **Analysis:** EPA 8081A

Lab ID: QC977199 **Prepared:** 03/13/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 03/14/22

Dil'n Fac: 1.000 **Prep:** EPA 3546

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.0	0.60	ug/Kg
beta-BHC	ND	5.0	0.55	ug/Kg
gamma-BHC	ND	5.0	0.51	ug/Kg
delta-BHC	ND	5.0	1.3	ug/Kg
Heptachlor	ND	5.0	0.68	ug/Kg
Aldrin	ND	5.0	1.1	ug/Kg
Heptachlor epoxide	ND	5.0	0.94	ug/Kg
Endosulfan I	ND	5.0	0.98	ug/Kg
Dieldrin	ND	5.0	0.94	ug/Kg
4,4'-DDE	ND	5.0	0.92	ug/Kg
Endrin	ND	5.0	1.9	ug/Kg
Endosulfan II	ND	5.0	1.1	ug/Kg
Endosulfan sulfate	ND	5.0	0.96	ug/Kg
4,4'-DDD	ND	5.0	0.73	ug/Kg
Endrin aldehyde	ND	5.0	1.2	ug/Kg
Endrin ketone	ND	5.0	0.95	ug/Kg
4,4'-DDT	ND	5.0	0.93	ug/Kg
Methoxychlor	ND	10	3.0	ug/Kg
Toxaphene	ND	100	17	ug/Kg
Chlordane (Technical)	ND	50	20	ug/Kg

Surrogate	%REC	Limits
TCMX	97	23-120
Decachlorobiphenyl	107	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285461 **Analysis:** EPA 8081A

Lab ID: QC977200 **Prepared:** 03/13/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 03/14/22

Dil'n Fac: 1.000 **Prep:** EPA 3546

Analyte	Spiked	Result	%REC	Limits	Units	Qual
alpha-BHC	50.00	49.05	98	22-129	ug/Kg	
beta-BHC	50.00	49.73	99	28-125	ug/Kg	
gamma-BHC	50.00	47.88	96	22-128	ug/Kg	
delta-BHC	50.00	49.88	100	24-131	ug/Kg	
Heptachlor	50.00	48.80	98	18-124	ug/Kg	
Aldrin	50.00	41.83	84	23-120	ug/Kg	
Heptachlor epoxide	50.00	46.31	93	26-120	ug/Kg	
Endosulfan I	50.00	52.00	104	25-126	ug/Kg	
Dieldrin	50.00	48.93	98	23-124	ug/Kg	
4,4'-DDE	50.00	49.91	100	28-121	ug/Kg	
Endrin	50.00	46.68	93	25-127	ug/Kg	#
Endosulfan II	50.00	49.70	99	29-121	ug/Kg	
Endosulfan sulfate	50.00	51.54	103	30-121	ug/Kg	
4,4'-DDD	50.00	49.36	99	26-120	ug/Kg	
Endrin aldehyde	50.00	29.99	60	10-120	ug/Kg	
Endrin ketone	50.00	52.70	105	28-125	ug/Kg	
4,4'-DDT	50.00	55.13	110	22-125	ug/Kg	
Methoxychlor	50.00	50.64	101	28-130	ug/Kg	

Surrogate	%REC	Limits
TCMX	89	23-120
Decachlorobiphenyl	100	24-120

Legend

#: CCV drift outside limits; average CCV drift within limits per method requirements

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285461	**Analyzed:**	03/14/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 8081A
Lab ID:	QC977201	**Dil'n Fac:**	5.000	**Prepared:**	03/13/22	**Analyst:**	TJW

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Qual
alpha-BHC	<3.517	58.14	52.93	91	46-120	ug/Kg	
beta-BHC	<3.201	58.14	56.93	98	41-120	ug/Kg	
gamma-BHC	<2.948	58.14	52.98	91	41-120	ug/Kg	
delta-BHC	<7.641	58.14	49.92	86	38-123	ug/Kg	
Heptachlor	<3.953	58.14	57.14	98	39-120	ug/Kg	
Aldrin	<6.608	58.14	51.18	88	34-120	ug/Kg	
Heptachlor epoxide	<5.469	58.14	53.25	92	43-120	ug/Kg	
Endosulfan I	<5.685	58.14	57.26	98	45-120	ug/Kg	
Dieldrin	<5.438	58.14	53.56	92	45-120	ug/Kg	
4,4'-DDE	<5.322	58.14	50.36	87	34-120	ug/Kg	
Endrin	<11.25	58.14	51.41	88	40-120	ug/Kg	#
Endosulfan II	<6.577	58.14	56.05	96	41-120	ug/Kg	
Endosulfan sulfate	<5.582	58.14	55.70	96	42-120	ug/Kg	
4,4'-DDD	<4.260	58.14	48.07	83	41-120	ug/Kg	
Endrin aldehyde	<7.041	58.14	45.11	78	30-120	ug/Kg	
Endrin ketone	<5.533	58.14	52.21	90	45-120	ug/Kg	
4,4'-DDT	<5.388	58.14	61.88	106	35-127	ug/Kg	
Methoxychlor	<17.52	58.14	56.45	97	42-136	ug/Kg	

Surrogate	%REC	Limits
TCMX	94	23-120
Decachlorobiphenyl	102	24-120

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285461	**Analyzed:**	03/14/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 8081A
Lab ID:	QC977202	**Dil'n Fac:**	5.000	**Prepared:**	03/13/22	**Analyst:**	TJW

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Qual
alpha-BHC	58.14	56.74	98	46-120	ug/Kg	7	30	
beta-BHC	58.14	60.68	104	41-120	ug/Kg	6	30	
gamma-BHC	58.14	56.99	98	41-120	ug/Kg	7	30	
delta-BHC	58.14	53.14	91	38-123	ug/Kg	6	30	
Heptachlor	58.14	60.69	104	39-120	ug/Kg	6	30	
Aldrin	58.14	54.30	93	34-120	ug/Kg	6	30	
Heptachlor epoxide	58.14	53.79	93	43-120	ug/Kg	1	30	
Endosulfan I	58.14	61.48	106	45-120	ug/Kg	7	30	
Dieldrin	58.14	55.43	95	45-120	ug/Kg	3	30	
4,4'-DDE	58.14	54.03	93	34-120	ug/Kg	7	30	
Endrin	58.14	59.36	102	40-120	ug/Kg	14	30	#
Endosulfan II	58.14	57.72	99	41-120	ug/Kg	3	30	
Endosulfan sulfate	58.14	57.97	100	42-120	ug/Kg	4	30	
4,4'-DDD	58.14	49.89	86	41-120	ug/Kg	4	30	
Endrin aldehyde	58.14	46.36	80	30-120	ug/Kg	3	30	
Endrin ketone	58.14	53.64	92	45-120	ug/Kg	3	30	
4,4'-DDT	58.14	62.95	108	35-127	ug/Kg	2	30	
Methoxychlor	58.14	59.33	102	42-136	ug/Kg	5	30	

Surrogate	%REC	Limits
TCMX	103	23-120
Decachlorobiphenyl	97	24-120

Legend

#: CCV drift outside limits; average CCV drift within limits per method requirements

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Batch#:** 285549 **Analysis:** EPA 8081A

Lab ID: QC977496 **Prepared:** 03/15/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 03/15/22

Dil'n Fac: 1.000 **Prep:** EPA 3546

Analyte	Result	RL	MDL	Units
alpha-BHC	ND	5.0	0.60	ug/Kg
beta-BHC	ND	5.0	0.55	ug/Kg
gamma-BHC	ND	5.0	0.51	ug/Kg
delta-BHC	ND	5.0	1.3	ug/Kg
Heptachlor	ND	5.0	0.68	ug/Kg
Aldrin	ND	5.0	1.1	ug/Kg
Heptachlor epoxide	ND	5.0	0.94	ug/Kg
Endosulfan I	ND	5.0	0.98	ug/Kg
Dieldrin	ND	5.0	0.94	ug/Kg
4,4'-DDE	ND	5.0	0.92	ug/Kg
Endrin	ND	5.0	1.9	ug/Kg
Endosulfan II	ND	5.0	1.1	ug/Kg
Endosulfan sulfate	ND	5.0	0.96	ug/Kg
4,4'-DDD	ND	5.0	0.73	ug/Kg
Endrin aldehyde	ND	5.0	1.2	ug/Kg
Endrin ketone	ND	5.0	0.95	ug/Kg
4,4'-DDT	ND	5.0	0.93	ug/Kg
Methoxychlor	ND	10	3.0	ug/Kg
Toxaphene	ND	100	17	ug/Kg
Chlordane (Technical)	ND	50	20	ug/Kg

Surrogate	%REC	Limits
TCMX	83	23-120
Decachlorobiphenyl	98	24-120

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285549 **Analysis:** EPA 8081A

Lab ID: QC977497 **Prepared:** 03/15/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 03/15/22

Dil'n Fac: 1.000 **Prep:** EPA 3546

Analyte	Spiked	Result	%REC	Limits	Units	Qual
alpha-BHC	50.00	44.98	90	22-129	ug/Kg	
beta-BHC	50.00	46.76	94	28-125	ug/Kg	
gamma-BHC	50.00	44.72	89	22-128	ug/Kg	
delta-BHC	50.00	46.59	93	24-131	ug/Kg	
Heptachlor	50.00	46.72	93	18-124	ug/Kg	
Aldrin	50.00	39.89	80	23-120	ug/Kg	
Heptachlor epoxide	50.00	43.97	88	26-120	ug/Kg	
Endosulfan I	50.00	49.75	99	25-126	ug/Kg	
Dieldrin	50.00	46.93	94	23-124	ug/Kg	
4,4'-DDE	50.00	47.44	95	28-121	ug/Kg	
Endrin	50.00	54.85	110	25-127	ug/Kg	#
Endosulfan II	50.00	50.43	101	29-121	ug/Kg	
Endosulfan sulfate	50.00	48.47	97	30-121	ug/Kg	
4,4'-DDD	50.00	46.85	94	26-120	ug/Kg	
Endrin aldehyde	50.00	29.48	59	10-120	ug/Kg	
Endrin ketone	50.00	44.59	89	28-125	ug/Kg	#
4,4'-DDT	50.00	56.88	114	22-125	ug/Kg	
Methoxychlor	50.00	57.45	115	28-130	ug/Kg	

Surrogate	%REC	Limits
TCMX	85	23-120
Decachlorobiphenyl	96	24-120

Legend

#: CCV drift outside limits; average CCV drift within limits per method requirements

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP97-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285549	**Analyzed:**	03/15/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-010	**Moisture:**	10%	**Received:**	03/10/22	**Analysis:**	EPA 8081A
Lab ID:	QC977498	**Diln Fac:**	1.000	**Prepared:**	03/15/22	**Analyst:**	TRN

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Qual
alpha-BHC	<0.6720	55.56	60.52	109	46-120	ug/Kg	#
beta-BHC	<0.6117	55.56	65.36	118	41-120	ug/Kg	
gamma-BHC	<0.5634	55.56	61.46	111	41-120	ug/Kg	
delta-BHC	<1.460	55.56	60.26	108	38-123	ug/Kg	
Heptachlor	<0.7555	55.56	59.39	107	39-120	ug/Kg	#
Aldrin	<1.263	55.56	55.40	100	34-120	ug/Kg	
Heptachlor epoxide	<1.045	55.56	57.75	104	43-120	ug/Kg	
Endosulfan I	<1.087	55.56	61.25	110	45-120	ug/Kg	
Dieldrin	<1.039	55.56	60.09	108	45-120	ug/Kg	
4,4'-DDE	<1.017	55.56	57.70	104	34-120	ug/Kg	
Endrin	<2.150	55.56	65.90	119	40-120	ug/Kg	
Endosulfan II	<1.257	55.56	61.51	111	41-120	ug/Kg	
Endosulfan sulfate	<1.067	55.56	55.65	100	42-120	ug/Kg	
4,4'-DDD	<0.8142	55.56	53.04	95	41-120	ug/Kg	
Endrin aldehyde	<1.346	55.56	44.21	80	30-120	ug/Kg	#
Endrin ketone	<1.057	55.56	53.29	96	45-120	ug/Kg	#
4,4'-DDT	<1.030	55.56	68.73	124	35-127	ug/Kg	
Methoxychlor	<3.348	55.56	70.11	126	42-136	ug/Kg	

Surrogate	%REC	Limits
TCMX	105	23-120
Decachlorobiphenyl	101	24-120

ENTHALPY ANALYTICAL

Organochlorine Pesticides: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP97-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285549	**Analyzed:**	03/15/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-010	**Moisture:**	10%	**Received:**	03/10/22	**Analysis:**	EPA 8081A
Lab ID:	QC977499	**Dil'n Fac:**	1.000	**Prepared:**	03/15/22	**Analyst:**	TRN

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Qual
alpha-BHC	55.56	57.85	104	46-120	ug/Kg	5	30	#
beta-BHC	55.56	60.16	108	41-120	ug/Kg	8	30	
gamma-BHC	55.56	58.50	105	41-120	ug/Kg	5	30	
delta-BHC	55.56	59.95	108	38-123	ug/Kg	1	30	
Heptachlor	55.56	55.62	100	39-120	ug/Kg	7	30	#
Aldrin	55.56	52.34	94	34-120	ug/Kg	6	30	
Heptachlor epoxide	55.56	53.49	96	43-120	ug/Kg	8	30	
Endosulfan I	55.56	58.41	105	45-120	ug/Kg	5	30	
Dieldrin	55.56	54.24	98	45-120	ug/Kg	10	30	
4,4'-DDE	55.56	55.53	100	34-120	ug/Kg	4	30	
Endrin	55.56	62.70	113	40-120	ug/Kg	5	30	
Endosulfan II	55.56	58.24	105	41-120	ug/Kg	5	30	
Endosulfan sulfate	55.56	54.87	99	42-120	ug/Kg	1	30	
4,4'-DDD	55.56	51.78	93	41-120	ug/Kg	2	30	
Endrin aldehyde	55.56	43.60	78	30-120	ug/Kg	1	30	#
Endrin ketone	55.56	52.00	94	45-120	ug/Kg	2	30	#
4,4'-DDT	55.56	64.72	117	35-127	ug/Kg	6	30	
Methoxychlor	55.56	65.81	118	42-136	ug/Kg	6	30	

Surrogate	%REC	Limits
TCMX	95	23-120
Decachlorobiphenyl	99	24-120

Legend

#: CCV drift outside limits; average CCV drift within limits per method requirements

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Moisture:** 14% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 2.000 **Analyzed:** 03/14/22

Lab ID: 459596-001 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	120	25	ug/Kg
Aroclor-1221	ND	120	76	ug/Kg
Aroclor-1232	ND	120	19	ug/Kg
Aroclor-1242	ND	120	76	ug/Kg
Aroclor-1248	ND	120	86	ug/Kg
Aroclor-1254	ND	120	40	ug/Kg
Aroclor-1260	ND	120	23	ug/Kg
Aroclor-1262	ND	120	11	ug/Kg
Aroclor-1268	ND	120	42	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	76	19-121

Field ID: TP90-10-031022-BRIONES **Moisture:** 14% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-002 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	58	12	ug/Kg
Aroclor-1221	ND	58	38	ug/Kg
Aroclor-1232	ND	58	9.6	ug/Kg
Aroclor-1242	ND	58	38	ug/Kg
Aroclor-1248	ND	58	43	ug/Kg
Aroclor-1254	ND	58	20	ug/Kg
Aroclor-1260	ND	58	11	ug/Kg
Aroclor-1262	ND	58	5.3	ug/Kg
Aroclor-1268	ND	58	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	73	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP91-5-031022-BRIONES **Moisture:** 16% **Prepared:** 03/13/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22
Lab ID: 459596-003 **Batch#:** 285461 **Prep:** EPA 3546
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082
Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	60	13	ug/Kg
Aroclor-1221	ND	60	39	ug/Kg
Aroclor-1232	ND	60	9.8	ug/Kg
Aroclor-1242	ND	60	39	ug/Kg
Aroclor-1248	ND	60	44	ug/Kg
Aroclor-1254	ND	60	21	ug/Kg
Aroclor-1260	ND	60	12	ug/Kg
Aroclor-1262	ND	60	5.4	ug/Kg
Aroclor-1268	ND	60	22	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	76	19-121

Field ID: TP91-10-031022-BRIONES **Moisture:** 9% **Prepared:** 03/13/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22
Lab ID: 459596-004 **Batch#:** 285461 **Prep:** EPA 3546
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082
Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	55	12	ug/Kg
Aroclor-1221	ND	55	36	ug/Kg
Aroclor-1232	ND	55	9.1	ug/Kg
Aroclor-1242	ND	55	36	ug/Kg
Aroclor-1248	ND	55	41	ug/Kg
Aroclor-1254	ND	55	19	ug/Kg
Aroclor-1260	ND	55	11	ug/Kg
Aroclor-1262	ND	55	5.0	ug/Kg
Aroclor-1268	ND	55	20	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	69	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP191-10-031022-BRIONES **Moisture:** 10% **Prepared:** 03/13/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22
Lab ID: 459596-005 **Batch#:** 285461 **Prep:** EPA 3546
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082
Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	56	12	ug/Kg
Aroclor-1221	ND	56	36	ug/Kg
Aroclor-1232	ND	56	9.2	ug/Kg
Aroclor-1242	ND	56	37	ug/Kg
Aroclor-1248	ND	56	41	ug/Kg
Aroclor-1254	ND	56	19	ug/Kg
Aroclor-1260	ND	56	11	ug/Kg
Aroclor-1262	ND	56	5.1	ug/Kg
Aroclor-1268	ND	56	20	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	67	19-121

Field ID: TP93-5-031022-BRIONES **Moisture:** 12% **Prepared:** 03/13/22
Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22
Lab ID: 459596-006 **Batch#:** 285461 **Prep:** EPA 3546
Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082
Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	57	12	ug/Kg
Aroclor-1221	ND	57	37	ug/Kg
Aroclor-1232	ND	57	9.4	ug/Kg
Aroclor-1242	ND	57	37	ug/Kg
Aroclor-1248	ND	57	42	ug/Kg
Aroclor-1254	ND	57	20	ug/Kg
Aroclor-1260	**120**	57	11	ug/Kg
Aroclor-1262	ND	57	5.2	ug/Kg
Aroclor-1268	ND	57	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	61	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-10-031022-BRIONES **Moisture:** 13% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-007 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	57	12	ug/Kg
Aroclor-1221	ND	57	37	ug/Kg
Aroclor-1232	ND	57	9.5	ug/Kg
Aroclor-1242	ND	57	38	ug/Kg
Aroclor-1248	ND	57	43	ug/Kg
Aroclor-1254	ND	57	20	ug/Kg
Aroclor-1260	ND	57	11	ug/Kg
Aroclor-1262	ND	57	5.3	ug/Kg
Aroclor-1268	ND	57	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	60	19-121

Field ID: TP94-5-031022-BRIONES **Moisture:** 8% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-008 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	54	12	ug/Kg
Aroclor-1221	ND	54	35	ug/Kg
Aroclor-1232	ND	54	9.0	ug/Kg
Aroclor-1242	ND	54	36	ug/Kg
Aroclor-1248	ND	54	40	ug/Kg
Aroclor-1254	ND	54	19	ug/Kg
Aroclor-1260	ND	54	11	ug/Kg
Aroclor-1262	ND	54	5.0	ug/Kg
Aroclor-1268	ND	54	20	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	67	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP94-10-031022-BRIONES **Moisture:** 11% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 2.000 **Analyzed:** 03/14/22

Lab ID: 459596-009 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	110	24	ug/Kg
Aroclor-1221	ND	110	73	ug/Kg
Aroclor-1232	ND	110	19	ug/Kg
Aroclor-1242	ND	110	74	ug/Kg
Aroclor-1248	ND	110	84	ug/Kg
Aroclor-1254	ND	110	39	ug/Kg
Aroclor-1260	ND	110	22	ug/Kg
Aroclor-1262	ND	110	10	ug/Kg
Aroclor-1268	ND	110	41	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	57	19-121

Field ID: TP97-5-031022-BRIONES **Moisture:** 10% **Prepared:** 03/15/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/15/22

Lab ID: 459596-010 **Batch#:** 285549 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	56	12	ug/Kg
Aroclor-1221	ND	56	36	ug/Kg
Aroclor-1232	ND	56	9.2	ug/Kg
Aroclor-1242	ND	56	37	ug/Kg
Aroclor-1248	ND	56	41	ug/Kg
Aroclor-1254	ND	56	19	ug/Kg
Aroclor-1260	ND	56	11	ug/Kg
Aroclor-1262	ND	56	5.1	ug/Kg
Aroclor-1268	ND	56	20	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	70	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-5-031022-BRIONES **Moisture:** 10% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-011 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	56	12	ug/Kg
Aroclor-1221	ND	56	36	ug/Kg
Aroclor-1232	ND	56	9.2	ug/Kg
Aroclor-1242	ND	56	37	ug/Kg
Aroclor-1248	ND	56	41	ug/Kg
Aroclor-1254	ND	56	19	ug/Kg
Aroclor-1260	ND	56	11	ug/Kg
Aroclor-1262	ND	56	5.1	ug/Kg
Aroclor-1268	ND	56	20	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	59	19-121

Field ID: TP98-10-031022-BRIONES **Moisture:** 14% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-012 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	58	12	ug/Kg
Aroclor-1221	ND	58	38	ug/Kg
Aroclor-1232	ND	58	9.6	ug/Kg
Aroclor-1242	ND	58	38	ug/Kg
Aroclor-1248	ND	58	43	ug/Kg
Aroclor-1254	ND	58	20	ug/Kg
Aroclor-1260	**150**	58	11	ug/Kg
Aroclor-1262	ND	58	5.3	ug/Kg
Aroclor-1268	ND	58	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	64	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP99-5-031022-BRIONES **Moisture:** 13% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-013 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	57	12	ug/Kg
Aroclor-1221	ND	57	37	ug/Kg
Aroclor-1232	ND	57	9.5	ug/Kg
Aroclor-1242	ND	57	38	ug/Kg
Aroclor-1248	ND	57	43	ug/Kg
Aroclor-1254	ND	57	20	ug/Kg
Aroclor-1260	ND	57	11	ug/Kg
Aroclor-1262	ND	57	5.3	ug/Kg
Aroclor-1268	ND	57	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	67	19-121

Field ID: TP99-10-031022-BRIONES **Moisture:** 15% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-014 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	59	12	ug/Kg
Aroclor-1221	ND	59	38	ug/Kg
Aroclor-1232	ND	59	9.7	ug/Kg
Aroclor-1242	ND	59	39	ug/Kg
Aroclor-1248	ND	59	44	ug/Kg
Aroclor-1254	ND	59	20	ug/Kg
Aroclor-1260	ND	59	12	ug/Kg
Aroclor-1262	ND	59	5.4	ug/Kg
Aroclor-1268	ND	59	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	65	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP100-5-031022-BRIONES **Moisture:** 15% **Prepared:** 03/13/22

Type: SAMPLE **Diln Fac:** 1.000 **Analyzed:** 03/14/22

Lab ID: 459596-015 **Batch#:** 285461 **Prep:** EPA 3546

Matrix: Soil **Sampled:** 03/10/22 **Analysis:** EPA 8082

Basis: dry **Received:** 03/10/22 **Analyst:** TRN

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	59	12	ug/Kg
Aroclor-1221	ND	59	38	ug/Kg
Aroclor-1232	ND	59	9.7	ug/Kg
Aroclor-1242	ND	59	39	ug/Kg
Aroclor-1248	ND	59	44	ug/Kg
Aroclor-1254	ND	59	20	ug/Kg
Aroclor-1260	ND	59	12	ug/Kg
Aroclor-1262	ND	59	5.4	ug/Kg
Aroclor-1268	ND	59	21	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	64	19-121

Type: BLANK **Batch#:** 285461 **Analysis:** EPA 8082

Lab ID: QC977199 **Prepared:** 03/13/22 **Analyst:** TJW

Matrix: Soil **Analyzed:** 03/14/22

Diln Fac: 1.000 **Prep:** EPA 3546

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	50	11	ug/Kg
Aroclor-1221	ND	50	32	ug/Kg
Aroclor-1232	ND	50	8.3	ug/Kg
Aroclor-1242	ND	50	33	ug/Kg
Aroclor-1248	ND	50	37	ug/Kg
Aroclor-1254	ND	50	17	ug/Kg
Aroclor-1260	ND	50	9.8	ug/Kg
Aroclor-1262	ND	50	4.6	ug/Kg
Aroclor-1268	ND	50	18	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	98	19-121

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs)

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Batch#:** 285549 **Analysis:** EPA 8082

Lab ID: QC977496 **Prepared:** 03/15/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 03/15/22

Diln Fac: 1.000 **Prep:** EPA 3546

Analyte	Result	RL	MDL	Units
Aroclor-1016	ND	50	11	ug/Kg
Aroclor-1221	ND	50	32	ug/Kg
Aroclor-1232	ND	50	8.3	ug/Kg
Aroclor-1242	ND	50	33	ug/Kg
Aroclor-1248	ND	50	37	ug/Kg
Aroclor-1254	ND	50	17	ug/Kg
Aroclor-1260	ND	50	9.8	ug/Kg
Aroclor-1262	ND	50	4.6	ug/Kg
Aroclor-1268	ND	50	18	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	91	19-121

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285461 **Analysis:** EPA 8082

Lab ID: QC977203 **Prepared:** 03/13/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 03/14/22

DiIn Fac: 1.000 **Prep:** EPA 3546

Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	500.0	509.3	102	14-150	ug/Kg
Aroclor-1260	500.0	476.6	95	10-150	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	87	19-121

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Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285461	**Analyzed:**	03/14/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 8082
Lab ID:	QC977204	**Dil'n Fac:**	2.000	**Prepared:**	03/13/22	**Analyst:**	TRN

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Aroclor-1016	<24.64	581.4	517.3	89	42-127	ug/Kg
Aroclor-1260	<22.89	581.4	531.7	91	38-130	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	84	19-121

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285461	**Analyzed:**	03/14/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 8082
Lab ID:	QC977205	**Dil'n Fac:**	2.000	**Prepared:**	03/13/22	**Analyst:**	TRN

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	581.4	543.3	93	42-127	ug/Kg	5	30
Aroclor-1260	581.4	574.0	99	38-130	ug/Kg	8	30

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	92	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285549 **Analysis:** EPA 8082

Lab ID: QC977500 **Prepared:** 03/15/22 **Analyst:** TRN

Matrix: Soil **Analyzed:** 03/15/22

DiIn Fac: 1.000 **Prep:** EPA 3546

Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	500.0	424.5	85	14-150	ug/Kg
Aroclor-1260	500.0	428.1	86	10-150	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	71	19-121

Polychlorinated Biphenyls (PCBs): Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP97-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285549	**Analyzed:**	03/15/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-010	**Moisture:**	10%	**Received:**	03/10/22	**Analysis:**	EPA 8082
Lab ID:	QC977501	**Dil'n Fac:**	1.000	**Prepared:**	03/15/22	**Analyst:**	TRN

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Aroclor-1016	<11.77	555.6	499.3	90	42-127	ug/Kg
Aroclor-1260	<10.93	555.6	468.1	84	38-130	ug/Kg

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	70	19-121

Field ID:	TP97-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285549	**Analyzed:**	03/15/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	EPA 3546
MSS Lab ID:	459596-010	**Moisture:**	10%	**Received:**	03/10/22	**Analysis:**	EPA 8082
Lab ID:	QC977502	**Dil'n Fac:**	1.000	**Prepared:**	03/15/22	**Analyst:**	TRN

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	555.6	493.2	89	42-127	ug/Kg	1	30
Aroclor-1260	555.6	492.9	89	38-130	ug/Kg	5	30

Surrogate	%REC	Limits
Decachlorobiphenyl (PCB)	79	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-001 **Moisture:** 14% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.2	0.33	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**3.5**	1.2	0.27	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**120**	1.2	0.24	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.56 J**	5.8	0.020	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	ND	0.58	0.16	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**60**	5.8	0.64	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**19**	1.2	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**30**	1.2	0.21	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**8.5**	0.58	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.22**	0.18	0.050	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.28 J**	1.2	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**79**	5.8	0.081	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.3	0.85	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.58	0.20	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	**0.23 J**	1.2	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**91**	12	0.41	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**42**	5.8	0.88	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-002 **Moisture:** 14% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	**0.34 J**	1.2	0.32	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**6.2**	1.2	0.26	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**150**	1.2	0.24	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.73 J**	12	0.039	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.19 J**	0.58	0.16	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**47**	5.8	0.63	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**14**	1.2	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**24**	1.2	0.21	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**13**	0.58	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.21**	0.19	0.052	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.25 J**	1.2	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**72**	5.8	0.081	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.3	0.84	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.58	0.20	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.2	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**60**	12	0.41	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**46**	5.8	0.87	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP91-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-003 **Moisture:** 16% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.30	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**4.7**	1.1	0.25	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**180**	1.1	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.70 J**	11	0.036	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	ND	0.54	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**81**	5.4	0.59	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**17**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**26**	1.1	0.19	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**10**	0.54	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.52**	0.18	0.050	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.20 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**100**	5.4	0.075	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.1	0.78	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.54	0.18	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	**0.15 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**54**	11	0.38	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**44**	5.4	0.81	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP91-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-004 **Moisture:** 9% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.0	0.29	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**5.5**	1.0	0.24	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**180**	1.0	0.22	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.71 J**	10	0.035	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.15 J**	0.51	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**61**	5.1	0.56	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**17**	1.0	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**25**	1.0	0.18	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**10**	0.51	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.34**	0.16	0.045	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.97 J**	1.0	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**74**	5.1	0.072	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.1	0.75	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.51	0.17	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.0	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**68**	10	0.36	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**50**	5.1	0.78	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP191-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-005 **Moisture:** 10% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.30	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**4.5**	1.1	0.25	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**180**	1.1	0.22	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.63 J**	11	0.036	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.18 J**	0.53	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**72**	5.3	0.59	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**18**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**25**	1.1	0.19	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**10**	0.53	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.16**	0.16	0.043	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.33 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**73**	5.3	0.075	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.1	0.78	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.53	0.18	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**76**	11	0.38	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**49**	5.3	0.81	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-006 **Moisture:** 12% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.30	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**4.9**	1.1	0.25	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**160**	1.1	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.57 J**	5.4	0.018	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	ND	0.54	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**71**	5.4	0.60	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**16**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**32**	1.1	0.19	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**11**	0.54	0.22	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.36**	0.17	0.047	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.28 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**89**	5.4	0.076	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.2	0.79	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.54	0.18	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**61**	11	0.38	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**48**	5.4	0.82	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-007 **Moisture:** 13% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.30	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**4.9**	1.1	0.25	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**140**	1.1	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.67 J**	11	0.037	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.18 J**	0.54	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**49**	5.4	0.59	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**13**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**25**	1.1	0.19	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**42**	0.54	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.32**	0.17	0.047	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.28 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**58**	5.4	0.075	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.1	0.78	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.54	0.18	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	**0.15 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**53**	11	0.38	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**42**	5.4	0.81	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP94-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-008 **Moisture:** 8% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.99	0.28	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**5.3**	0.99	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**160**	0.99	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.55 J**	9.9	0.034	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.22 J**	0.49	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**52**	4.9	0.54	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**17**	0.99	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**27**	0.99	0.18	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**11**	0.49	0.20	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.24**	0.16	0.045	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.23 J**	0.99	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**68**	4.9	0.069	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.0	0.72	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.49	0.17	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	0.99	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**61**	9.9	0.35	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**45**	4.9	0.75	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP94-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-009 **Moisture:** 11% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.96	0.27	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**5.1**	0.96	0.22	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**170**	0.96	0.20	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.63 J**	9.6	0.033	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.14 J**	0.48	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**99**	4.8	0.53	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**18**	0.96	0.12	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**30**	0.96	0.17	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**16**	0.48	0.19	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.30**	0.18	0.051	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.22 J**	0.96	0.12	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**120**	4.8	0.067	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	1.9	0.70	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.48	0.16	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	**0.13 J**	0.96	0.12	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**68**	9.6	0.34	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**50**	4.8	0.73	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP97-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-010 **Moisture:** 10% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.32	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**6.0**	1.1	0.26	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**190**	1.1	0.24	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**1.0 J**	11	0.039	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	ND	0.57	0.16	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**77**	5.7	0.63	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**19**	1.1	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**29**	1.1	0.21	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**11**	0.57	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.74**	0.16	0.044	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.28 J**	1.1	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**110**	5.7	0.080	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.3	0.84	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.57	0.19	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.1	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**60**	11	0.41	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**46**	5.7	0.87	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-011 **Moisture:** 10% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.0	0.28	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**5.0**	1.0	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**190**	1.0	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.45 J**	10	0.034	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	ND	0.51	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**78**	5.1	0.56	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**17**	1.0	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**30**	1.0	0.18	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**10**	0.51	0.20	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**2.4**	0.86	0.24	mg/Kg	5.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.29 J**	1.0	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**140**	5.1	0.071	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.0	0.74	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.51	0.17	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.0	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**64**	10	0.36	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**49**	5.1	0.76	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-012 **Moisture:** 14% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.30	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**5.6**	1.1	0.24	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**190**	1.1	0.22	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**1.1 J**	11	0.036	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.19 J**	0.53	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**68**	5.3	0.58	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**18**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**32**	1.1	0.19	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**18**	0.53	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.62**	0.18	0.049	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.30 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**150**	5.3	0.074	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.1	0.77	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.53	0.18	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	**0.18 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**50**	11	0.38	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**90**	5.3	0.80	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP99-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-013 **Moisture:** 13% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.31	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**4.2**	1.1	0.25	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**230**	1.1	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.53 J**	11	0.037	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	**0.23 J**	0.55	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**68**	5.5	0.60	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**28**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**16**	1.1	0.20	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**15**	0.55	0.22	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.062 J**	0.17	0.047	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	**0.28 J**	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**37**	5.5	0.077	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.2	0.80	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.55	0.19	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.1	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**62**	11	0.39	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**75**	5.5	0.83	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP99-10-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-014 **Moisture:** 15% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.99	0.28	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**3.3**	0.99	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**160**	0.99	0.21	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	**0.89 J**	9.9	0.034	mg/Kg	10.00	285396	03/17/22	EPA 3050B	EPA 6020
Cadmium	ND	0.49	0.14	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**39**	4.9	0.54	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Cobalt	**9.5**	0.99	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**15**	0.99	0.18	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**6.9**	0.49	0.20	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.063 J**	0.17	0.048	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	ND	0.99	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**44**	4.9	0.069	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.0	0.72	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.49	0.17	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	0.99	0.13	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**45**	9.9	0.35	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Zinc	**37**	4.9	0.75	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP100-5-031022-BRIONES **Basis:** dry **Received:** 03/10/22

Lab ID: 459596-015 **Moisture:** 15% **Prepared:** 03/11/22

Matrix: Soil **Sampled:** 03/10/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	ND	1.1	0.32	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Arsenic	**1.1 J**	1.1	0.26	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Barium	**25**	1.1	0.24	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Beryllium	ND	1.1	0.39	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Cadmium	ND	0.57	0.16	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Chromium	**12**	1.1	0.42	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Cobalt	**3.8**	1.1	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Copper	**6.2**	1.1	0.21	mg/Kg	1.000	285396	03/16/22	EPA 3050B	EPA 6020
Lead	**2.5**	0.57	0.23	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Mercury	**0.15 J**	0.19	0.052	mg/Kg	1.000	285426	03/14/22	METHOD	EPA 7471A
Molybdenum	ND	1.1	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Nickel	**21**	5.7	0.080	mg/Kg	5.000	285396	03/17/22	EPA 3050B	EPA 6020
Selenium	ND	2.3	0.83	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Silver	ND	0.57	0.19	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Thallium	ND	1.1	0.15	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Vanadium	**8.2**	2.3	0.74	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020
Zinc	**17**	5.7	0.86	mg/Kg	1.000	285396	03/15/22	EPA 3050B	EPA 6020

Legend

J: Estimated value

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Dil'n Fac:** 1.000 **Prep:** EPA 3050B

Lab ID: QC977007 **Batch#:** 285396 **Analysis:** EPA 6020

Matrix: Soil **Prepared:** 03/11/22 **Analyst:** SBW

Analyte	Result	RL	MDL	Units	Analyzed
Antimony	ND	1.0	0.28	mg/Kg	03/15/22
Arsenic	ND	1.0	0.23	mg/Kg	03/15/22
Barium	ND	1.0	0.21	mg/Kg	03/15/22
Beryllium	ND	1.0	0.34	mg/Kg	03/15/22
Cadmium	ND	0.50	0.14	mg/Kg	03/15/22
Chromium	ND	1.0	0.37	mg/Kg	03/15/22
Cobalt	ND	1.0	0.13	mg/Kg	03/15/22
Copper	ND	1.0	0.18	mg/Kg	03/16/22
Lead	ND	0.50	0.20	mg/Kg	03/15/22
Molybdenum	ND	1.0	0.13	mg/Kg	03/15/22
Nickel	ND	1.0	0.38	mg/Kg	03/15/22
Selenium	ND	2.0	0.73	mg/Kg	03/15/22
Silver	ND	0.50	0.17	mg/Kg	03/15/22
Thallium	ND	1.0	0.13	mg/Kg	03/15/22
Vanadium	ND	2.0	0.65	mg/Kg	03/15/22
Zinc	ND	5.0	0.76	mg/Kg	03/15/22

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Dil'n Fac:** 1.000 **Prep:** EPA 3050B

Lab ID: QC977008 **Batch#:** 285396 **Analysis:** EPA 6020

Matrix: Soil **Prepared:** 03/11/22 **Analyst:** SBW

Analyte	Spiked	Result	%REC	Limits	Units	Analyzed	Qual
Antimony	50.00	57.66	115	80-120	mg/Kg	03/15/22	
Arsenic	50.00	55.20	110	80-120	mg/Kg	03/15/22	
Barium	50.00	54.04	108	80-120	mg/Kg	03/15/22	
Beryllium	50.00	51.78	104	80-120	mg/Kg	03/15/22	
Cadmium	50.00	53.33	107	80-120	mg/Kg	03/15/22	
Chromium	50.00	51.07	102	80-120	mg/Kg	03/15/22	
Cobalt	50.00	54.68	109	80-120	mg/Kg	03/15/22	
Copper	50.00	53.89	108	80-120	mg/Kg	03/16/22	
Lead	50.00	53.46	107	80-120	mg/Kg	03/15/22	
Molybdenum	50.00	55.34	111	80-120	mg/Kg	03/15/22	
Nickel	50.00	54.31	109	80-120	mg/Kg	03/15/22	b
Selenium	50.00	52.37	105	80-120	mg/Kg	03/15/22	
Silver	25.00	26.85	107	80-120	mg/Kg	03/15/22	
Thallium	50.00	53.25	107	80-120	mg/Kg	03/15/22	
Vanadium	50.00	52.63	105	80-120	mg/Kg	03/15/22	
Zinc	50.00	50.91	102	80-120	mg/Kg	03/15/22	

Legend

b: See narrative

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Basis:** dry **Prepared:** 03/11/22
Type: MS **Moisture:** 14% **Prep:** EPA 3050B
MSS Lab ID: 459596-001 **Batch#:** 285396 **Analysis:** EPA 6020
Lab ID: QC977009 **Sampled:** 03/10/22 **Analyst:** SBW
Matrix: Soil **Received:** 03/10/22

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units	Diln Fac	Analyzed
Antimony	<0.3256	51.45	3.025	6 *	75-125	mg/Kg	1.000	03/15/22
Arsenic	3.537	51.45	53.86	98	75-125	mg/Kg	1.000	03/15/22
Barium	123.8	51.45	170.3	90	75-125	mg/Kg	1.000	03/15/22
Beryllium	0.5584	51.45	57.56	111	75-125	mg/Kg	5.000	03/17/22
Cadmium	<0.1628	51.45	54.32	106	75-125	mg/Kg	1.000	03/15/22
Chromium	60.13	51.45	106.8	91	75-125	mg/Kg	5.000	03/17/22
Cobalt	18.51	51.45	65.26	91	75-125	mg/Kg	1.000	03/15/22
Copper	29.86	51.45	86.60	110	75-125	mg/Kg	1.000	03/16/22
Lead	8.503	51.45	61.46	103	75-125	mg/Kg	1.000	03/15/22
Molybdenum	0.2837	51.45	43.75	84	75-125	mg/Kg	1.000	03/15/22
Nickel	79.43	51.45	116.2	72 *	75-125	mg/Kg	5.000	03/17/22
Selenium	<0.8488	51.45	46.55	90	75-125	mg/Kg	1.000	03/15/22
Silver	<0.1977	25.73	25.94	101	75-125	mg/Kg	1.000	03/15/22
Thallium	0.2314	51.45	52.36	101	75-125	mg/Kg	1.000	03/15/22
Vanadium	91.01	51.45	128.6	73 *	75-125	mg/Kg	5.000	03/17/22
Zinc	42.49	51.45	89.67	92	75-125	mg/Kg	1.000	03/15/22

Field ID: TP90-5-031022-BRIONES **Basis:** dry **Prepared:** 03/11/22
Type: MSD **Moisture:** 14% **Prep:** EPA 3050B
MSS Lab ID: 459596-001 **Batch#:** 285396 **Analysis:** EPA 6020
Lab ID: QC977010 **Sampled:** 03/10/22 **Analyst:** SBW
Matrix: Soil **Received:** 03/10/22

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim	Diln Fac	Analyzed
Antimony	63.89	4.761	7 *	75-125	mg/Kg	24 *	20	1.000	03/15/22
Arsenic	63.89	66.64	99	75-125	mg/Kg	1	20	1.000	03/15/22
Barium	63.89	207.4	131 *	75-125	mg/Kg	13	20	1.000	03/15/22
Beryllium	63.89	70.42	109	75-125	mg/Kg	1	20	5.000	03/17/22
Cadmium	63.89	67.44	106	75-125	mg/Kg	0	20	1.000	03/15/22
Chromium	63.89	127.0	105	75-125	mg/Kg	7	20	5.000	03/17/22
Cobalt	63.89	81.98	99	75-125	mg/Kg	6	20	1.000	03/15/22
Copper	63.89	87.01	89	75-125	mg/Kg	14	20	1.000	03/16/22
Lead	63.89	73.84	102	75-125	mg/Kg	0	20	1.000	03/15/22
Molybdenum	63.89	54.31	85	75-125	mg/Kg	0	20	1.000	03/15/22
Nickel	63.89	135.7	88	75-125	mg/Kg	6	20	5.000	03/17/22
Selenium	63.89	60.66	95	75-125	mg/Kg	5	20	1.000	03/15/22
Silver	31.94	32.58	102	75-125	mg/Kg	1	20	1.000	03/15/22
Thallium	63.89	65.04	101	75-125	mg/Kg	0	20	1.000	03/15/22
Vanadium	63.89	160.1	108	75-125	mg/Kg	13	20	5.000	03/17/22
Zinc	63.89	99.32	89	75-125	mg/Kg	2	20	1.000	03/15/22

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: BLANK **Batch#:** 285426 **Analysis:** EPA 7471A

Lab ID: QC977088 **Prepared:** 03/11/22 **Analyst:** SBW

Matrix: Soil **Analyzed:** 03/14/22

DilN Fac: 1.000 **Prep:** METHOD

Analyte	Result	RL	MDL	Units
Mercury	ND	0.14	0.039	mg/Kg

Legend

MDL: Method Detection Limit

ND: Not Detected at or above MDL

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Type: LCS **Batch#:** 285426 **Analysis:** EPA 7471A

Lab ID: QC977089 **Prepared:** 03/11/22 **Analyst:** SBW

Matrix: Soil **Analyzed:** 03/14/22

DilN Fac: 1.000 **Prep:** METHOD

Analyte	Spiked	Result	%REC	Limits	Units
Mercury	0.8333	0.9241	111	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285426	**Analyzed:**	03/14/22
Type:	MS	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	METHOD
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 7471A
Lab ID:	QC977090	**Dil'n Fac:**	1.000	**Prepared:**	03/11/22	**Analyst:**	SBW

Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Mercury	0.2245	1.057	1.411	112	75-125	mg/Kg

Field ID:	TP90-5-031022-BRIONES	**Matrix:**	Soil	**Batch#:**	285426	**Analyzed:**	03/14/22
Type:	MSD	**Basis:**	dry	**Sampled:**	03/10/22	**Prep:**	METHOD
MSS Lab ID:	459596-001	**Moisture:**	14%	**Received:**	03/10/22	**Analysis:**	EPA 7471A
Lab ID:	QC977091	**Dil'n Fac:**	1.000	**Prepared:**	03/11/22	**Analyst:**	SBW

Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Mercury	1.020	1.566	132 *	75-125	mg/Kg	13	20

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Moisture

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP90-5-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-001 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**14**	1	%

Field ID: TP90-10-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-002 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**14**	1	%

Field ID: TP91-5-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-003 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**16**	1	%

Field ID: TP91-10-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-004 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**9**	1	%

Field ID: TP191-10-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-005 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**10**	1	%

Field ID: TP93-5-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-006 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**12**	1	%

ENTHALPY ANALYTICAL

Moisture

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP93-10-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-007 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**13**	1	%

Field ID: TP94-5-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-008 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**8**	1	%

Field ID: TP94-10-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-009 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**11**	1	%

Field ID: TP97-5-031022-BRIONES **Batch#:** 285703 **Analyzed:** 03/17/22
Lab ID: 459596-010 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**10**	1	%

Field ID: TP98-5-031022-BRIONES **Batch#:** 285693 **Analyzed:** 03/17/22
Lab ID: 459596-011 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**10**	1	%

Field ID: TP98-10-031022-BRIONES **Batch#:** 285695 **Analyzed:** 03/17/22
Lab ID: 459596-012 **Sampled:** 03/10/22 **Prep:** METHOD
Matrix: Soil **Received:** 03/10/22 **Analysis:** ASTM D2216
Diln Fac: 1.000 **Prepared:** 03/16/22 **Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**14**	1	%

ENTHALPY ANALYTICAL

Moisture

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID:	TP99-5-031022-BRIONES	**Batch#:** 285695	**Analyzed:** 03/17/22
Lab ID:	459596-013	**Sampled:** 03/10/22	**Prep:** METHOD
Matrix:	Soil	**Received:** 03/10/22	**Analysis:** ASTM D2216
Diln Fac:	1.000	**Prepared:** 03/16/22	**Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**13**	1	%

Field ID:	TP99-10-031022-BRIONES	**Batch#:** 285695	**Analyzed:** 03/17/22
Lab ID:	459596-014	**Sampled:** 03/10/22	**Prep:** METHOD
Matrix:	Soil	**Received:** 03/10/22	**Analysis:** ASTM D2216
Diln Fac:	1.000	**Prepared:** 03/16/22	**Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**15**	1	%

Field ID:	TP100-5-031022-BRIONES	**Batch#:** 285695	**Analyzed:** 03/17/22
Lab ID:	459596-015	**Sampled:** 03/10/22	**Prep:** METHOD
Matrix:	Soil	**Received:** 03/10/22	**Analysis:** ASTM D2216
Diln Fac:	1.000	**Prepared:** 03/16/22	**Analyst:** LVL

Analyte	Result	RL	Units
Moisture, Percent	**15**	1	%

Legend

RL: Reporting Limit

ENTHALPY ANALYTICAL

Moisture: Batch QC

Lab #: 459596 **Project#:** 0206.002.004

Client: Terraphase Engineering **Location:** Briones 2022 Trench Sampling

Field ID: TP98-5-031022-BRIONES **Diln Fac:** 1.000 **Analyzed:** 03/17/22
Type: SDUP **Batch#:** 285693 **Prep:** METHOD
MSS Lab ID: 459596-011 **Sampled:** 03/10/22 **Analysis:** ASTM D2216
Lab ID: QC977905 **Received:** 03/10/22 **Analyst:** LVL
Matrix: Soil **Prepared:** 03/16/22

Analyte	MSS Result	Result	RL	Units	RPD	Lim
Moisture, Percent	9.687	**9.786**	1.000	%	1	26

Field ID: TP85-10-031122-BRIONES **Diln Fac:** 1.000 **Analyzed:** 03/17/22
Type: SDUP **Batch#:** 285695 **Prep:** METHOD
MSS Lab ID: 459646-004 **Sampled:** 03/11/22 **Analysis:** ASTM D2216
Lab ID: QC977910 **Received:** 03/11/22 **Analyst:** LVL
Matrix: Soil **Prepared:** 03/16/22

Analyte	MSS Result	Result	RL	Units	RPD	Lim
Moisture, Percent	10.76	**9.094**	1.000	%	17	26

Field ID: TP196-5-031122-BRIONES **Diln Fac:** 1.000 **Analyzed:** 03/17/22
Type: SDUP **Batch#:** 285703 **Prep:** METHOD
MSS Lab ID: 459646-011 **Sampled:** 03/11/22 **Analysis:** ASTM D2216
Lab ID: QC977940 **Received:** 03/11/22 **Analyst:** LVL
Matrix: Soil **Prepared:** 03/16/22

Analyte	MSS Result	Result	RL	Units	RPD	Lim
Moisture, Percent	12.45	**12.28**	1.000	%	1	26

Legend

RL: Reporting Limit

RPD: Relative Percent Difference

Laboratory Job Number 459596

Subcontracted Products

SGS Forensic

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
John Goyette
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N014518
Date Received: 03/11/22
Date Analyzed: 03/18/22
Date Printed: 03/18/22

Job ID/Site: Enthalpy EO# - 459596

PLM Report Number: N/A

SGSFL Job ID: 1137
Total Samples Submitted: 3
Total Samples Analyzed: 3

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
TP102-10-031022-BRIONES	12541390	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
TP106-5-031022-BRIONES	12541391	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Sample ID	Lab Number	Layer Description
TP109-5-031022-BRIONES	12541392	**Brown Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: **None Detected**
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.