



**ECS Midwest, LLC**

1125 Valley Belt Road  
Brooklyn Heights, OH 44131  
2167417007  
2167417011

**LETTER OF TRANSMITTAL**

October 9, 2023

Trihydro Corporation

Cincinnati, OH 45241

ATTN: Kelly Birkenhauer, PG, CP

RE: **Trihydro - 601 Longworth RAP, Dayton, OH**

ECS Job # **67:3183**

Permits:

Location: **1125 Valley Belt Road  
Brooklyn Heights, OH 44131**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 2      10/9/2023      Material Analysis

David Potoma, P.E.  
Construction Materials Dept. Manager

Anthony Kichurchak  
Assistant Office Manager

*Disclaimer*

1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.
2. The information in this report relates only to the activities performed on the report date.
3. Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.
4. Incomplete or non-conforming work will be reported for future resolution.
5. The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.



ECS Midwest, LLC  
 1125 Valley Belt Road  
 Brooklyn Heights, OH 44131  
 (216) 741-7007 [Phone]  
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## FIELD REPORT

Project **Trihydro - 601 Longworth RAP, Dayton, OH**  
 Location **Brooklyn Heights, OH**  
 Client **Trihydro Corporation**  
 Contractor **None Listed**

Project No. **67:3183**  
 Report No. **2**  
 Day & Date **Monday 10/9/2023**  
 Weather **°/**  
 On-Site Time **0.00**  
 Lab Time **0.00**  
 Travel Time\* **0.00**  
 Total **0.00**  
 Re Obs Time **0.00**

Remarks **Material Analysis**

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>8:00A</b>	<b>8:00A</b>

\* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.
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Please see the attached Material Analysis report of 4 soils samples that were delivered to ECS's lab on 09-27-2023.



MATERIAL ANALYSIS

<b>PROJECT:</b>	TRIHYDRO – 601 LONGWORTH RAP – DAYTON, OH	<b>PROJECT NO.:</b>	3183
<b>CLIENT:</b>	TRIHYDRO CORPORATION 2702 EAST KEMPER ROAD CINCINNATI, OH 45241	<b>DATE:</b>	10/8/23

On September 27, 2023, four soil samples were delivered to our laboratory for material analyses. Following are the test results:

Sample	% Moisture (ASTM D1140)	Dry Density (pcf) (ASTM D7263)	Liquid Limit (ASTM D4318)	Plastic Limit (ASTM D4318)	Plasticity Index (ASTM D4318)
GT-1 3'-5'	31.9	79.5			Non-plastic
GT-1 15'-17'	9.2	120.5			Non-plastic
GT-2 3'-5'	18.8	109.3	26	19	7
GT-2 15'-17'	5.0	122.3			Non-plastic

If you have any questions, please do not hesitate to contact our office.

TECHNICIAN: DONALD HOLLENBAUGH