



November 21, 2023

Ryan Smith
Wastewater Division Manager
City of Watsonville
500 Clearwater Lane
Watsonville, CA 95076

Re: Scope of Work and Cost Estimate
Task Order TO-5
2024 Semi-annual Monitoring

Dear Mr. Smith:

Daniel B. Stephens & Associates, Inc. (DBS&A) has prepared this scope of work and cost estimate to assist the City of Watsonville with the implementation of the Corrective Action Plan (CAP) for the offsite area dated June 11, 2021. This scope of work includes routine semi-annual groundwater and soil vapor monitoring at the Freedom Boulevard Site.

Semi-Annual Monitoring

Semi-annual soil vapor and groundwater monitoring will be completed per the Monitoring and Reporting Programs (MRPs) provided in the CAP. The events will be completed in the first quarter 2024 (1Q24) and the third quarter 2024 (3Q24). DBS&A will subcontract and oversee Blaine Tech Services for field sampling work each event. Samples will be delivered to Calscience Environmental Laboratories Inc. (Eurofins Calscience) in Tustin, California for analysis per the CAP.

Monitoring reports will be prepared for submittal to the Regional Water Quality Control Board (RWQCB) each event and the reports will be uploaded to the Geotracker website per RWQCB requirements. A draft report will be submitted each quarter to the city for review before delivery to the RWQCB.

With permission from West Environmental, Inc., the “onsite” groundwater monitoring wells (MW-1 through MW-7) will be surveyed for X-Y coordinates and surface and top of casing elevations to be consistent with the coordinate system used for the offsite monitoring wells. In addition, offsite vapor probe VP-20 will be surveyed. DBS&A will subcontract and oversee Calvada Surveying, Inc. to perform the surveying during the 1Q24 monitoring event.

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Project Management

This task also includes project management for all tasks, consisting of scope of work development, costing, invoice control, field operations safety, quality control and client service. Mr. John J. Dodge, PG will be your point of contact for this work and DBS&A's project manager. Mr. Dodge may request and direct the assistance and expertise of other DBS&A staff or subcontractors as applicable and as needed to provide cost-efficient quality service.

Estimated Cost

The scope of work is summarized along with an estimated cost in Table 1. This is a time-and-materials (T&M) estimated based on the current understanding of the project tasks and the conditions discussed above. Work will be conducted in accordance with the Contract for Consultant Services between the City of Watsonville and Daniel B. Stephens & Associates, Inc. dated May 13, 2020 and our 2024 fee schedule.

Our proposed scope of work also includes additional as-needed services in the event that such services are directed or requested as needed by the city, such as additional data review, meetings, travel, evaluations, or related professional consulting services. DBS&A understands that additional work supplemental to the scope described above may be requested by the City, as needed, and additional cost estimates may be prepared to complete additional work as needed.

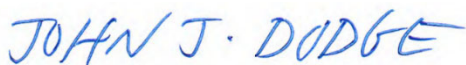
If both the proposed scope of work and budget estimates are acceptable, please submit an email approval or purchase order for our file to authorize DBS&A to conduct this work.

Closing

Thank you for the opportunity to support the City of Watsonville. If you have any questions please contact John Dodge at (714) 747-9456.

Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.



John J. Dodge, PG, CHG
Principal Hydrogeologist



James A. Kelsey
Principal Geologist/President

**Table 1. Cost Estimate
City of Watsonville, CA
Offsite Area**

TASK:	Semi-Annual Monitoring (Field 1Q24)		Semi-Annual Monitoring (Field 3Q24)		Semi-Annual Monitoring (Report 1Q24)		Semi-Annual Monitoring (Report 3Q24)		Project Management		TOTAL			
	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost		
Labor														
STAFF CATEGORY	RATE (\$/hr)													
Principal Professional I	JJD \$ 280	2	\$ 560	2	\$ 560	12	\$ 3,360	12	\$ 3,360	8	\$ 2,240	36	\$ 10,080	
Project Professional II	HE \$ 199	8	\$ 1,592	8	\$ 1,592	12	\$ 2,388	12	\$ 2,388		\$ -	40	\$ 7,960	
Staff Professional II	HH \$ 155		\$ -		\$ -	80	\$ 12,400	80	\$ 12,400		\$ -	160	\$ 24,800	
Staff Professional I	SG \$ 139	24	\$ 3,336	24	\$ 3,336	20	\$ 2,780	20	\$ 2,780		\$ -	88	\$ 12,232	
Sr. Technical Editor/Assistant	RF \$ 152		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -	
CADD/GIS	LC \$ 130		\$ -		\$ -	12	\$ 1,560	12	\$ 1,560		\$ -	24	\$ 3,120	
Labor Subtotal		34	\$ 5,488	34	\$ 5,488	136	\$ 22,488	136	\$ 22,488	8	\$ 2,240	348	\$ 58,192	
Expenses														
	MARKUP	UNIT FEE	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Misc Safety Supplies/week	0%	\$ 25	1	\$ 25	1	\$ 25		\$ -		\$ -		\$ -	1	\$ 25
Flights LAX/OC-SJC	estim	\$ 350	1	\$ 350	1	\$ 350		\$ -		\$ -		\$ -	2	\$ 700
Hotel/day	estim	\$ 175	1	\$ 175	1	\$ 175		\$ -		\$ -		\$ -	2	\$ 350
Field vehicle/day	estim	\$ 150	1	\$ 150	1	\$ 150		\$ -		\$ -		\$ -	2	\$ 300
Subtotal				\$ 700		\$ 700		\$ -		\$ -		\$ -		\$ 1,400
Subcontractors														
	MARKUP	UNIT FEE	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Calvada Surveying	7%			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
"Onsite" Groundwater Monitoring Wells	1	\$ 4,400	1	\$ 4,400		\$ -		\$ -		\$ -		\$ -	1	\$ 4,400
Eurofins Calscience				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Groundwater samples VOCs 8260B (11/8 wells+FB/EB/DUP)		\$ 85	14	\$ 1,190	11	\$ 935		\$ -		\$ -		\$ -	25	\$ 2,125
Summa TO-15 (w-FB/EB/DUP) (30/13 pts)		\$ 175	33	\$ 5,775	16	\$ 2,800		\$ -		\$ -		\$ -	49	\$ 8,575
Canisters/Flow Controllers/Waste Mgt		\$ 2,852	0.5	\$ 1,426	0.5	\$ 1,426		\$ -		\$ -		\$ -	1	\$ 2,852
Blaine Tech				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Groundwater/vapor sampling/event 1Q23		\$ 7,910	1	\$ 7,910		\$ -		\$ -		\$ -		\$ -	1	\$ 7,910
Groundwater/vapor sampling/event 3Q23		\$ 3,270		\$ -	1	\$ 3,270		\$ -		\$ -		\$ -	1	\$ 3,270
Belshire Waste Management				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Drum Pick and Disposal		\$ 2,800		\$ -	1	\$ 2,800		\$ -		\$ -		\$ -	1	\$ 2,800
Field/Labor contingency		10%		\$ 2,070.10		\$ 1,123.10		\$ -		\$ -		\$ -		\$ 3,193
Subtotal				\$ 22,771		\$ 12,354		\$ -		\$ -		\$ -		\$ 35,125
Markup				\$ 1,594		\$ 865		\$ -		\$ -		\$ -		\$ 2,459
Subtotal w/markup				\$ 24,365		\$ 13,219		\$ -		\$ -		\$ -		\$ 37,584
Task Total:														
				\$ 30,553		\$ 19,407		\$ 22,488		\$ 22,488		\$ 2,240		\$ 97,176