

BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

DERSCH ENERGIES, INC.,)	
Petitioner,)	
v.)	PCB 2017-003
)	(LUST Permit Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

NOTICE OF FILING AND PROOF OF SERVICE

TO: Carol Webb, Hearing Officer	Melanie Jarvis
Illinois Pollution Control Board	Division of Legal Counsel
1021 N. Grand Avenue East	1021 North Grand Avenue East
P.O. Box 19274	P.O. Box 19276
Springfield, IL 62794-9274	Springfield, IL 62794-9276
(carol.webb@illinois.gov)	(melanie.jarvis@illinois.gov)

PLEASE TAKE NOTICE that I have today electronically filed with the Office of the Clerk of the Illinois Pollution Control Board, a Certification of Petitioner's Hearing Exhibits, a copy of which is herewith served upon the above parties of record in this cause.

The undersigned hereby certifies that I served the aforementioned document by e-mail to each of the persons listed above at the above e-mail address on the 17th day of September, 2021, and the number of pages in the e-mail transmission are 11.

DERSCH ENERGIES, INC.,

BY: LAW OFFICE OF PATRICK D. SHAW

BY: /s/ Patrick D. Shaw

Patrick D. Shaw
Law Office of Patrick D. Shaw
80 Bellerive Road
Springfield, IL 62704
217-299-8484
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OF THE STATE OF ILLINOIS

DERSCH ENERGIES, INC.,)	
Petitioner,)	
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)	(LUST Permit Appeal)
ILLINOIS ENVIRONMENTAL)	
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CERTIFICATION OF PETITIONER'S HEARING EXHIBITS

Pursuant to 35 Ill. Adm Code § 101.627, the following exhibits were offered for admission at the hearing in this matter and are filed herewith:

Petitioner's Exhibit 1	R.083 - R.089
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Petitioner's Exhibit 2	R.023 - R.024
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I, Patrick D. Shaw, certify that each hearing exhibit filed herein is an accurate reproduction of the corresponding exhibit offered at the hearing.

BY: /s/ Patrick D. Shaw

Patrick D. Shaw
Law Office of Patrick D. Shaw
80 Bellerive Road
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Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			
	Senior Project Manager	6.00	121.49	\$728.94
CCAP	Corrective Action Plan Development and Technical Compliance			
	Senior Prof. Engineer	4.00	157.94	\$631.76
CCAP	Corrective Action Plan Review and Certification			
	Professional Geologist	30.00	111.76	\$3,352.80
CCAP	Corrective Action Plan Design and Preparation			
	Draftperson/CAD IV	6.00	66.81	\$400.86
CCAP	Drafting for Corrective Action Plan			
	Senior Admin. Assistant	3.00	54.67	\$164.01
CCAP	Corrective Action Plan Compilation, Assembly and Distribution			
	Engineer III	4.00	121.49	\$485.96
CCAP	Corrective Action Plan Development			

PENGAD 800-631-6999

PETITIONER'S
EXHIBIT

/

[illegible]

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			
	Senior Project Manager	6.00	121.49	\$728.94
CCA-Field	Coordination / Technical Compliance / Oversight			
	Senior Admin. Assistant	4.00	54.67	\$218.68
CCA-Field	Project arrangements / JULIE			
	Professional Geologist	12.00	111.76	\$1,341.12
CCA-Field	On-site Drilling for TACO sampling / GW Measurements / Slug testing			
	Engineer III	12.00	121.49	\$1,457.88
CCA-Field	On-site Drilling, Testing & Measuring Oversight			
	Senior Project Manager	4.00	121.49	\$485.96
CCA-Field	Boring Log/Analytical Review/Corrective Action Evaluation			
	Senior Draftperson/CAD	4.00	72.88	\$291.52
CCA-Field	Drafting Locations/Drilling Prep.			
	Engineer I	4.00	91.11	\$364.44
CCA-Field	Boring Logs/Analytical Tabulation			

[illegible]

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			

	Senior Project Manager	14.00	121.49	\$1,700.86
CA-Pay	Corrective Action Reimbursement Development / Review / Coordination / Oversight (2 Packages)			

	Senior Prof. Engineer	5.00	157.94	\$789.70
CA-Pay	Corrective Action Reimbursement Certification (2 Packages)			

	Senior Acct. Technician	24.00	66.81	\$1,603.44
CA-Pay	Corrective Action Reimbursement Preparation, Calculations and Inputs (2 Packages)			

	Senior Admin. Assistant	4.00	54.67	\$218.68
CA-Pay	Corrective Action Reimbursement Compilation, Assembly and Distribution (2 Packages)			

[illegible]

***Refer to the applicable Maximum Payment Amounts document.**

Total of Consulting Personnel Costs	\$20,444.43
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Consultant's Materials Costs Form

Materials, Equipment, or Field Purchase	Time or Amount Used	Rate (\$)	Unit	Total Cost
Remediation Category	Description/Justification			
PID Rental	1.00	148.00	/day	\$148.00
CCA-Field	To detect VOC levels in soil samples			
Measuring Wheel	1.00	21.00	/day	\$21.00
CCA-Field	Mapping sampling locations			
Disposable Gloves	1.00	16.00	/box	\$16.00
CCA-Field	Disposable gloves for soil sampling			
Water Level Indicator	1.00	28.00	/day	\$28.00
CCA-Field	Measuring Groundwater Depths			
Slug	1.00	36.00	/day	\$36.00
CCA-Field	Slug to Conduct Slug Test			
Mileage	310.00	.65	/day	\$201.50
CCA-Field	One round trip from Springfield Office for Drilling			
Copies	100.00	.15	/each	\$15.00
CCA-Field	Field/Plan/Maps/Borelogs			
Copies	800.00	.15	/each	\$120.00
CCAP	Copies of Corrective Action Plan / Draft / Forms			
Postage	2.00	6.00	/each	\$12.00
CCAP	Distribution of Corrective Action Forms / Plan			

Materials, Equipment, or Field Purchase		Time or Amount Used	Rate (\$)	Unit	Total Cost
Remediation Category	Description/Justification				
Copies		200.00	.15	/each	\$30.00
CCAP-Budget	Copies of Corrective Action Budget				
Postage		2.00	6.00	/each	\$12.00
CCAP-Budget	Distribution of Corrective Action Budget				
Copies		1,000.00	.15	/each	\$150.00
CA-Pay	Copies of Corrective Action Reimbursement				
Postage		6.00	6.00	/each	\$36.00
CA-Pay	Distribution of Corrective Action Reimbursement Package/ Drafts / Forms				
Total of Consultant Materials Costs					\$825.50



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ITEM/DESCRIPTION	Daily	Weekly	Monthly
GROUNDWATER SAMPLING INSTRUMENTATION			
Water Level Indicators			
Solinst Mdl. 101/Heron Dipper-T: 100'-300'	\$30.00	\$90.00	\$180.00
Solinst Mdl. 101/Heron Dipper-T: 500'-1000'	45.00	135.00	405.00
Solinst Mdl. 102 w/ .25" probe: 100'-300'	30.00	90.00	180.00
Sonic Depth Meter	45.00	135.00	405.00
Solinst TLC (Temp/Level /EC)	75.00	225.00	675.00
Oil/Water Interface Meters			
Solinst Mdl 122/Heron H.Oil: 100'-300'	75.00	225.00	675.00
Solinst Mdl. 122/Heron H.Oil: 500'	85.00	255.00	765.00
Single Parameter Instruments			
Dissolved Oxygen			
YSI 550A DO Meter	45.00	135.00	405.00
YSI ProDO Optical DO	60.00	180.00	540.00
Turbidity			
LaMotte 2020a/2020WE	40.00	120.00	360.00
Dakota T-100	40.00	120.00	360.00
Multi Parameter Instruments			
Horiba U-10, 2m/10m cable	70.00	210.00	630.00
pH/Temp/EC/ORP/DO/Turb/TDS			
Horiba U-22, 4m/10m cable, w/Flow Cell	125.00	375.00	1125.00
pH/Temp/EC/ORP/DO/Turb/TDS/SSG/Depth/Salinity			
Horiba U-52, 2m/10m Cable w/ Flow Cell	125.00	375.00	1125.00
pH/Temp/EC/ORP/DO/Turb/TDS/Salinity			
YSI 556, 4m/10m/20m cable, w/Flow Cell	100.00	300.00	900.00
pH/Temp/EC/ORP/DO/Salinity/TDS			
UltraMeter II 6P (pH/Cond./Temp./ORP/Resistivity)	35.00	105.00	315.00
Dakota Con10 (pH/Temp/EC)	35.00	105.00	315.00
Dataloggers			
Solinst Levellogger (Direct Read System Available)	60.00	180.00	560.00
*priced per logger			
GROUNDWATER SAMPLING PUMPS AND EQUIPMENT			
Grundfos Redi-Flo2 Submersible Pump: 100'-300'	200.00	600.00	1800.00
Grundfos Redi-Flo2 Pump Controller, 115V	95.00	285.00	855.00
Honda EU2000 Generator (2000w)	60.00	180.00	540.00
Proactive Purge Pump w/controller: 40'-85'	45.00	135.00	405.00
Proactive Purge Pump w/ Controller : 90'-150'	65.00	195.00	585.00
Proactive Mega-Monsoon w/ Controller: 200'	85.00	255.00	765.00
Low Flow Sampling			
GeoPRO Bladder Pump System (.5"/1.5" dia.)	165.00	495.00	1485.00
QED Sample Pro System: MP10, 1.6" pump	165.00	495.00	1485.00
Waterre Hydrolift 2 Inertial Pump (Ideal for Well Development)	100.00	300.00	900.00
*HDPE/LDPE Tubing Required w/ Footvalve			
Geotech II Peristaltic Pump	30.00	90.00	270.00
AIR MONITORING EQUIPMENT			
Single Gas Instruments			
MiniRAE 2000/3000 PID, 10.6eV lamp	95.00	285.00	855.00
MiniRAE 2000 PID, 11.7eV lamp	125.00	375.00	1125.00
ppBRAE 3000, 10.6eV lamp	150.00	450.00	1350.00
ION Science G3 Helium Detector	125.00	375.00	1125.00
PID Rental Accessories			
Calibration Kit: 100ppm Iso, Regulator & Tubing	15.00	45.00	135.00
*Price based on 25% gas usage per week. Overages billed accordingly.			
Multi-Gas Instruments			
MultiRAE: PID & 4-gas (LEL/O2/H2S/CO)	95.00	285.00	855.00
QRAE: 4-gas Meter (LEL/O2/H2S/CO)	80.00	240.00	720.00
GasTech: LEL/O2	50.00	150.00	450.00
GasTech: LEL/O2/CO/H2S	60.00	180.00	540.00
RKI GX-2012: LEL/O2/H2S/CO	60.00	180.00	540.00
RKI Eagle 2: LEL/O2/H2S/CO/PID	95.00	285.00	855.00
Multi-Gas Instrument Rental Accessories			
Calibration Kit: 100ppm Iso, 4-gas mix, Regulator & Tubing	25.00	75.00	180.00
*Price based on 25% gas usage per week. Overages billed accordingly.			
Landfill, Particulate, Mercury Monitors, and Air Sampling			
Landtec GEM-2000+: CH4/O2/LEL/H2S/Temp	150.00	450.00	1200.00
GasTech Methane Landfill Monitor	100.00	300.00	900.00
RKI Gas Tracer : LEL/O2/CO	60.00	180.00	540.00
Thermo DataRAM pDR-1000: Personal Particulate Monitor	100.00	300.00	900.00
Casella Micro Dust PRO: Real Time Dust monitoring.	85.00	255.00	765.00
Jerome 431X Mercury Vapor Analyzer	150.00	450.00	1350.00
GLAIR 5 Sampling Pump	40.00	80.00	240.00
SOIL SAMPLING, PIPELINE and MISC. EQUIPMENT			
AMS Hand Auger w/3' extension and t-handle, 3.25" stainless steel	25.00	75.00	225.00
AMS Complete Basic Soil Sampling Kit: 3.25"	85.00	255.00	765.00
AMS Flighted Auger Kit w/Hammer Drill	150.00	450.00	1350.00

Products by Supplier:





















Enviro-Tech Services
4851 Sunrise Dr., #101
Martinez, CA 94553
Tel. 1-800-468-8921
Fax 925-970-8037
info@envirotechonline.com

PENAD 800-631-6989

PETITIONER'S EXHIBIT

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<http://www.envirotechonline.com/rentalrates.asp>

6/14/2016

PCB No. 2017-003 R. 023

Enviro-Tech Services

Schonstedt MAC 518 Pipeline Locator	75.00	225.00	675.00
Noise Dosimeter: Casella dBadge350	45.00	135.00	405.00
Flowmeter: Global Water FP101: 3' to 6' extendable	30.00	100.00	300.00
Anemometer: VelociCalc 9545A	50.00	90.00	230.00
Rotary Hammer Drill: Bosch/Dewalt	50.00	150.00	450.00
Honda EU2000 Generator (2000w)	60.00	180.00	540.00
GVP Kit ; Soil Vapor(Vadose Zone Sampling)	200.00	600.00	1800.00
w/ Removal Jack & Hammer Drill			

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