



DIEMME SOIL WASHING S.r.l.  
Street E. Fermi, 25 - 48022 Lugo (Ra) - Italy  
Ph. +39 0545 211311 - Fax +39 0545 32581  
www.diemmesoilwashing.com

## QUESTIONNAIRE

RESEARCH AND  
DEVELOPMENT  
LABORATORY

CUSTOMER	
ADDRESS	
DIEMMESOIL WASHING REFERENCE PERSON	PH. NO.: E-MAIL:

COMPANY PRODUCTION / OPERATION	
DETAILED DESCRIPTION OF THE PRODUCTION / OPERATIONS PERFORMED ON SITE AND ORIGIN OF CONTAMINATIONS ON SITE (SITE TO BE INTENDED AS THE GENERAL AREA, LAND, RIVER, LAKE, ETC. CONTAMINATED)	
LOCATION OF THE SITE	
DETAILED INFORMATION ON RISK ASSESSMENT ALREADY PERFORMED ON SITE	
DETAILED INFORMATION ON SITE MONITORING AND TEST PERFORMED ON SITE	
DETAILED INFORMATION ON FEASIBILITY STUDY OR REMEDIAL STRATEGY PERFORMED	
DETAIL INFORMATION ON WHAT ARE THE REMEDIATION OBJECTIVE	
AFTER REMEDIATION PROCESS, WHAT WILL BE THE FINAL DESTINATION FOR THE RECLAIMED AREA	
DETAIL INFORMATION ON WHAT ARE THE REGULATORY REQUIREMENTS.	



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SPECIFY ALSO WHICH REGULATORY BODY WILL BE INVOLVED AND WHICH LEGISLATION AND LAW WILL GOVERN THE REMEDIATION PROCESS.

### DATA FOR SOIL AND WATER MATRIX

SPECIFY ANY AVAILABLE DATA ON SOIL AND WATER MATRIX

INDICATE	UNIT OF MEASURE	KNOWN VALUE
SOIL PARTICLE SIZE ANALYSIS		
SOIL AND WATER TEMPERATURE RANGE	°C	
CONCENTRATION OF EACH CONTAMINANT ON SOIL	g/kg	
CONCENTRATION OF EACH CONTAMINANT ON WATER	g/l	
CONCENTRATION OF TOTAL SOLIDS ON SOIL	g/kg	
SOIL SPECIFIC WEIGHT – BULK DENSITY	kg/l	
ABRASIVE PROPERTY	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS
CHEMICAL AGGRESSIVENESS	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS
PRESENCE OF SOLVENTS	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS
IF SOLVENTS ARE PRESENT SPECIFY EACH TYPE AND CONCENTRATION		
VARIABILITY OF THE MATRIX AS TIME GOES BY	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS
ARE SAMPLES OF MATRIX, CONTAMINATED SOIL AVAILABLE FOR TESTS	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS QUANTITY:

FURTHER REMARKS

### DATA FOR SOIL AND WATER REMEDIATION – PROCESS LINE

DETAILED DESCRIPTION ABOUT THE SITE TO BE TREATED, GRAPHIC CHARTS, PHOTOS, ETC



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TOTAL AVAILABLE AREA ON SITE FOR THE INSTALLATION OF THE PROCESSING MACHINES / REMEDIATION PLANT			
TOTAL QUANTITY OF CONTAMINATED SOIL TO BE TREATED			
REQUESTED WORKING CAPACITY FOR THE REMEDATION PLANT <b>AS SOIL IN INLET</b>	m <sup>3</sup> /h	AVAILABLE WORKING HOURS	h/day
	m <sup>3</sup> /day	AVAILABLE WORKING DAYS	days/week
TOTAL QUANTITY OF CONTAMINATED WATER TO BE TREATED			
REQUESTED WORKING CAPACITY FOR THE REMEDATION PLANT <b>AS WATER IN INLET</b>	m <sup>3</sup> /h	AVAILABLE WORKING HOURS	h/day
	m <sup>3</sup> /day	AVAILABLE WORKING DAYS	days/week
AVAILABILITY OF CLEAN WATER ON SITE	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS PRESSURE:      VOLUME:	
AVAILABILITY OF ELECTRIC POWER ON SITE	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS VOLT:              PHASE:              FREQUENCY HZ:	
AVAILABILITY OF COMPRESSED AIR ON SITE	<input type="checkbox"/> YES <input type="checkbox"/> NO	REMARKS PRESSURE:      VOLUME:	
REASONS THAT ARE DRIVING THE CUSTOMER TO EVALUATE THE SOIL WASHING REMEDIATION PROCESS			

<b>REQUIRED RESULTS BY THE CUSTOMER</b>	
<b>GRAVEL, STONE AND SAND CHARACTERISTICS</b>	<b>GRAVEL, STONE AND SAND DESTINATION</b>
RECOVERY REQUESTED FOR INDUSTRIAL APPLICATION LIKE BUILDING, ROAD, ETC.	
THIS MATERIAL MUST BE REUSED ON SITE	
OTHER	
<b>BASIC FILTER PRESS CAKE CHARACTERISTICS</b>	<b>CAKE DESTINATION</b>



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RESIDUAL MOISTURE (%)		
THIS MATERIAL MUST BE REUSED ON SITE	<input type="checkbox"/> YES <input type="checkbox"/> NO	
OTHER		

ADMITTED CHEMICAL CONDITIONING	ADMITTED QUANTITY LIMIT
NONE	
POLYELECTROLYTE	
POLYALUMINIUM CHLORIDE (PAC)	
FERRIC CHLORIDE / FERROUS (FeCl <sub>3</sub> ) / (FeCl <sub>2</sub> )	
HYDRATED LIME (Ca(OH) <sub>2</sub> )	
FOSSIL HEART - KIESELGUR	
BENTONITE	
ACTIVATED CHARCOAL	
OTHER	
COMPATIBLE MATERIALS	
PRECAUTIONS TO BE ADOPTED WHEN HANDLING THE PRODUCT	
SPECIFIC PROCEDURES TO DISPOSE THE PRODUCT IN EXCESS	
PARTICULAR RISKS FOR THE OPERATOR	
DESCRIPTION OF ANY FORMER RESEARCH CARRIED OUT BY THE CUSTOMER (OR COMPETITORS IF AVAILABLE)	
ADDITIONAL REMARKS	