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## List of Acronyms and Abbreviations

ACC	Alaska Coastal Current
ADL	Arthur D. Little, Inc.
AMS	Applied Marine Sciences
ANOVA	Analysis of Variance
APHA	American Public Health Association
ASTM	American Society for Testing and Materials
AVS	Acid-Volatile Sulfide
AWQC	Ambient Water Quality Criteria
B[a]PEq	Benzo[a]pyrene Equivalents
BPTCP	California State Bay Protection and Toxic Cleanup Program
CAB	Cellulose-Acetate-Butyrate
CIRCAC	Cook Inlet Regional Citizens' Advisory Council
CPI	Carbon Preference Index
CTD	Conductivity, Temperature, and Depth
CV	Coefficient of Variation
CVAAS	Cold Vapor Atomic Absorption Spectrometry
DCM	Dichloromethane
DDW	Distilled Deionized Water
DO	Dissolved Oxygen
DQO	Data Quality Objectives
DTT	Dithiothreitol
E&P	Exploration and Production
EDTA	Ethylene Diamine Triacetic Acid
EPA	U. S. Environmental Protection Agency
ERL	Effects Range-Low
ERM	Effects Range-Medium
EVS	EVS Environment Consultants
FAAS	Flame Atomic Absorption Spectrometry
FID	Flame Ionization Detector
FIT	Florida Institute of Technology
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
GFAAS	Graphite Furnace Atomic Absorption Spectrometry
GLM	General Linear Model
GPC	Gel Permeation Chromatography
HCl	Hydrochloric Acid
HPLC	High-Performance Liquid Chromatography
ICP/MS	Inductively Coupled Plasma-Mass Spectrometry
ID	Inner Diameter
IHC	Immunohistochemical



IRM	Instrumental Reference Material
LALK	Lower Molecular Weight Alkanes
LCS	Laboratory Control Spike
MDL	Method Detection Limit
MMS	Minerals Management Service
MPN	Most Probable Number
MPS	Mean Percent Survival
MRL	Minimum Reporting Limit
NCS	Nitrogen-Carbon-Sulfur Analyzer
NIST	National Institute of Standards and Technology
NOAA	National Oceanic and Atmospheric Administration
NODC	National Oceanographic Data Center
N/P	Naphthalene/Phenanthrene Ratio
NRC	National Research Council of Canada
NTL	Northern Testing Laboratory
OCS	Outer Continental Shelf
OSI	Organism-Sediment Index
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PERL	Pacific Ecorisk Laboratory
%REC	Percent Recovery
PHC	Petroleum Hydrocarbons
ppb	Parts Per Billion
ppm	Parts Per Million
ppt	Parts Per Trillion
‰	Parts Per Thousand
PVC	Polyvinyl Chloride
QA	Quality Assurance
QA/QC	Quality Assurance/Quality Control
QC	Quality Control
R/V	Research Vessel
RF	Response Factor
RGS	Reporter Gene System
RLU	Relative Light Unit
RPD	Relative Percent Difference
rpm	Revolutions Per Minute
RRF	Relative Response Factor
RSD	Relative Standard Deviation
S/T	Steranes/Triterpanes
SAOB	Sulfide Antioxidant Buffer
SD	Standard Deviation
SEM	Simultaneously Extracted Metals
SFBRMP	San Francisco Bay Regional Monitoring Program for Trace Sediments

SHC	Saturated Hydrocarbons
SIM	Selected Ion Monitoring
SKM	Susitna-Knik-Matanuska River System
SL	Standard Length
SNK	Student-Newman Keuls
SOD	Sediment Oxygen Demand
SOP	Standard Operating Procedure
SPI	Sediment Profile Imaging
SRM	Standard Reference Material
TALK	Total Alkanes
TBPF	Trading Bay Production Facility
TCDD	Tetrachlorodibenzo-p-dioxin
TEQ	Toxic Equivalents
TL	Total Length
TOC	Total Organic Carbon
TPHC	Total Petroleum Hydrocarbons
UCM	Unresolved Complex Mixture
USGS	United States Geologic Survey
V/V	Volume to Volume
WQC	Water Quality Criteria
WWTF	Wastewater Treatment Facility
ZGFAAS	Zeeman Graphite Furnace Atomic Absorption Spectrometry