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## 9 LIST OF ACRONYMS AND ABBREVIATIONS

ABS	Dermal absorption factor
ADAF	Age-dependent adjustment factor
ADD	Average daily dose
AEGL	Acute Inhalation Exposure Guidelines
AERMOD	American Meteorological Society/ Environmental Protection Agency Regulatory Model Improvement Committee (AERMIC) Dispersion Model
AHH	Aryl hydrocarbon hydroxylase
AIEC	Acute Inhalation Exposure Criteria
AIRS	Aerometric Information Retrieval System
ARCO	Atlantic Richfield Company
ARCS	Assessment and Remediation of Contaminated Sediments Program
AT	Averaging time
ATSDR	Agency for Toxic Substances and Disease Registry
BAF	Bioaccumulation factor
BaP	Benzo(a)pyrene
BCF	Bioconcentration factor
BSAF	Biota-sediment accumulation factor
BW	Body weight
C	Concentration
CAD	Computer Aided Design
CalEPA	California Environmental Protection Agency
CDC	Centers for Disease Control and Prevention
CDF	Confined disposal facility
CFR	Code of Federal Regulations
COC	Contaminant of concern
COPC	Contaminant of potential concern
CR	Consumption rate
CSF	Cancer Slope Factor
DEM	Digital Elevation Model
Dioxins	Polychlorinated dioxins and polychlorinated furans
dL	Deciliter
ECI	Energy Cooperative Industries
ED	Exposure duration
EF	Exposure frequency
ERPG	Emergency Response Planning Guidelines
ESRI	Environmental Systems Research Institute
FS	Feasibility Study
FW	Fresh Weight
g	Gram
GCR	Grand Calumet River
GI	Gastrointestinal
GIS	Geographic information system
GPS	Global Positioning System
GTF	Glucose tolerance factor
HAP	Hazardous air pollutant
HEAST	Health Effects Assessment Summary Tables
HHRAP	Human Health Risk Assessment Protocol

HI	Hazard index
H6H	High Sixth High
HQ	Hazard quotient
HUSWO	Hourly United States Weather Observations
I	Intake
IAC	Indiana Administrative Code
IDEM	Indiana Department of Environmental Management
IDNR	Indiana Department of Natural Resources
IEUBK	Integrated Exposure Uptake Biokinetic
IHSC	Indiana Harbor and Shipping Canal
IR	Ingestion rate
IRAP-h View™ (IRAP)	Industrial Risk Assessment Protocol – Human Health
IRIS	Integrated Risk Information System
ISCST3	Industrial Source Complex Short Term Model – Version 02035
IUR	Inhalation unit risk
kg	Kilometer
km	Kilogram
L	Liter
LADD	Lifetime average daily dose
LOAEL	Lowest observed adverse effects level
m	Meter
mg	Milligram
MOA	Mode of action
MOE	Margin of exposure
MPRM	Meteorological Processor for Regulatory Models
MRL	Minimal Risk Level
NAAQS	National Ambient Air Quality Standards
NAD27	North American Datum 1927
NOEL	No observed effects level
NOAEL	No observed adverse effects level
NPDES	National Pollutant Discharge Elimination System
NWS	National Weather Service
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzo-dioxin
PCE	Tetrachloroethene
PCOC	Potential contaminant of concern
pg	Picogram
PM	Particulate matter
PM2.5	Particulate matter equal to or less than 2.5 µm in diameter
PM10	Particulate matter equal to or less than 10 µm in diameter
POD	Point of departure
ppm	Parts per million
ppt	Parts per trillion
PPRTV	Provisional peer reviewed toxicity value
PSD	Prevention of significant deterioration
QA/QC	Quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
REL	Reference exposure level
RfC	Reference concentration

RfD	Reference dose
RME	Reasonable maximum exposure
RPF	Relative potency factor
S	Second
SAMSON	Solar and Meteorological Surface Observation Network
SRA	Supplemental Risk Assessment
SVOC	Semi-volatile organic compound
TCDD	Tetrachlorodibenzo-para-dioxin
TCE	Trichloroethene
TEEL	Temporary emergency exposure limit
TEF	Toxicity equivalency factor
TPY	Tons per year
TRI	Toxics Release Inventory
UF	Uncertainty factor
µg	Microgram
µm	Micrometer
URE	Unit risk estimate
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USDA-ARS	United States Department of Agriculture – Agricultural Research Service
USEPA	United States Environmental Protection Agency
USEPA-NCEA	United States Environmental Protection Agency-National Center for Environmental Assessment
USEPA-ORD	United States Environmental Protection Agency-Office of Research and Development
USEPA-OSWER	United States Environmental Protection Agency-Office of Solid Waste and Emergency Response
USGS	United States Geological Survey
USLE	Universal soil loss equation
UTM	Universal Transverse Mercator
VOC	Volatile organic compound
WEPS	Wind Erosion Prediction System