

NCR Source Water Protection Projects

Action	Orgs	Funding	Outcomes/Deliverables	
Methodology	Utilities, MWCOG	Water RF	Identified potential sites of contamination (PSCs). Project data sets, the technique (but not the tool) we use and the QC that we do. Database of contaminant properties for emergency response Case studies for 4 WTPs Greater Cincinnati Water Works case study to assess the methodology	Nov-14 to Jul-14
Source Water Characterization	Utilities, MWCOG	UASI	Data collection specific to the NCR utilities. Data will be used in identifying PSCs and will be delivered in electronic format to COG and NCR utilities Data Sources: Federal: USGS - National Hydrography Dataset (NHD); USEPA - FRS, CERCLIS, RCRA, TRI, NPDES, ICIS & PCS; USDOJ - Federal lands and facilities; NLM - TOXNET; NOAA - CAMEO State data, Chesapeake Bay program data, pipeline and railroad data, data identified in searches and by regional partners PSC identification of NCR water utility intake zone of critical concern via aerial image analysis in the full drainage via computer Source water characterization electronic data and reports: source water quality and summary of land use. Data for contaminants in the NCR water utility zone of critical concern Software system with training	Mar-15 to May-16
Source Water Protection Actions	DWSPP, EPA Region 3	EPA Region 3	TBD	
Regional Monitoring Group	Utilities, MWCOG		Identify and purchase regional contaminant warning system equipment	Oct-14 to May-15
WSSC Oil Spill Project	WSSC			Completed
Colonial Pipeline Exercise	Utilities, MWCOG, ICPRB	Colonial Pipeline	Exercise spill response plan for the Potomac Basin	Jun-15

UASI Source Water Project Timeline:

Year 1	Month											
Activity	1	2	3	4	5	6	7	8	9	10	11	12
ESF 3a Planning & Consultation	09/14											
Scope & Contracting				12/15								
Project Kickoff Meeting							3/15					
Task 1: Preliminary Data Collection						2/15						
Summary of GIS loaded data											7/15 Draft	8/15 Final
Task 2: Develop Baseline Water Quality/Quantity Information							3/15					
List & describe contaminants for intakes											7/15 Draft	8/15 Final
Report water quality parameters for each intake with comparisons												
Link and load water quality/quantity data into the GIS												
Task 3: Contaminant Inventory and Data Collection									5/15			
Task 3a: Contamination Source Inventory										6/15		
Task 3b: Contaminant Data Collection											7/15	

Year 2	Month											
Activity	1	2	3	4	5	6	7	8	9	10	11	12
Task 3: Contaminant Inventory and Data Collection	9/15											
Task 3a: Contamination Source Inventory	9/15											
Task 3b: Contaminant Data Collection	9/15											
List of potential sites of contamination				12/15 Draft	1/16 Final							
Report of queried and tabulated NLCD data												
Description of land use data												
Task 4: Susceptibility Analysis			11/15									
Incorporate results into the final report and data system					1/16 Draft	2/16 Final						
Task 5: Deliverables												
Data Transfer					1/16							
Final Report & Project Closeout							3/16 Draft		4/16 Final			
GIS Training and Support					Ongoing per utility request							