## **Significant Environmental Hazard Quick Summary\***

Exposure Pathway	Sample Location	Threshold Values for Notification (see Tables A, B, and C)	Exceptions to Notification	Notification Timing/Method	Initial Response Requirements
Drinking Water	Water from supply well	< GWPC	Detected pollution is not associated with site investigated	30 day written	<ul><li>Retest well</li><li>30 day report with recommendations</li></ul>
		> GWPC or NAPL present	none	1 day verbal 5 day written	<ul> <li>Well survey to 500 feet</li> <li>Test abutters</li> <li>30 day report with recommendations</li> </ul>
	Groundwater near the well	> GWPC within 200 foot radius or 500 feet upgradient	none	30 day written	
Surface soil (top 2 feet)	Residential parcel	> 15 x Res. DEC	<ul> <li>Prior to 90 days Hazard abated by:         <ul> <li>removal &gt; threshold</li> <li>inaccessible per RSRs</li> <li>remediated to RSRs</li> </ul> </li> <li>Site in LHD lead paint abatement program</li> <li>TPH</li> </ul>	90 day written	<ul> <li>Determine extent</li> <li>Prevent exposure</li> <li>90 day report with recommendations</li> </ul>
	Industrial/ Commercial parcel (I/C)	> 30 x I/C DEC Or > 30 X Res.DEC if PCBs**	<ul><li>As above for 90 day abatement</li><li>TPH</li><li>Specified organic chemicals list</li></ul>	90 day written	
	Area of hazard on I/C parcel within 300 feet of parcel boundary of residence, school, playground, park or daycare facility	Organic Chemicals > 30 x I/C DEC	As above	90 day written	
		Metals > 15 x I/C DEC PCBs > 15 x Res. DEC**	<ul> <li>As above</li> <li>&lt; 30 x I/C DEC or &lt;30 x Res. DEC for PCBs only, as applicable, and already has well-maintained fencing/pavement</li> </ul>	90 day written	

Exposure Pathway	Sample Location	Threshold Values for Notification (see Tables A, B, and C)	Exceptions to Notification	Notification Timing/Method	Initial Response Requirements
Volatilization to indoor air	Groundwater within 15 feet of a structure	> 10 x Groundwater Volatilization Criteria	<ul> <li>Soil vapor not &gt; 10 x VCSV under building</li> <li>&lt; 10 x DEEP-approved site-specific value</li> <li>Specified organics</li> <li>Indoor air monitoring implemented</li> <li>Structure vacant</li> <li>Chemical in industrial use</li> </ul>	30 day written	30 day plan to mitigate or abate exposure
	Explosive vapors entering a structure	Explosivity meter shows any detection	If not confirmed with second reading	<ul><li>Immediate verbal to OCSRD</li><li>7 day written</li></ul>	<ul> <li>Immediate response as directed by OCSRD</li> <li>Contact local fire department</li> </ul>
Surface Water	Entering surface water	NAPL	No verbal notice If OCSRD notified	<ul><li>1 day verbal to OSCRD</li><li>30 day written</li></ul>	<ul> <li>Immediate response as directed by OCSRD</li> <li>30 day plan to monitor, mitigate or abate</li> </ul>
	Groundwater near and likely entering surface water	NAPL	None	30 day written	30 day plan to monitor, mitigate or abate
		> 10 x Acute Toxicity WQS	None		

<sup>\*</sup>This table is for informational "at-a-glance" purposes. Consult the statute [CGS 22a-6u] for specific wording and requirements of the law. Other available resources with further technical detail include the <u>SEH Form Guidance and Instructions</u>, the <u>SEH Fact Sheet</u>, and the <u>SEH FAQs</u>.

DEC = Direct Exposure Criteria

GWPC = Groundwater Protection Criteria

LHD = local health department

NAPL = non-aqueous phase liquid (including "free product")

OCSRD = Oil and Chemical Spill Response Division

call 24 hour: 860-424-3338 / 8:30 to 4:30: 860-424-3377

RSRs = Remediation Standard Regulations

TPH = total petroleum hydrocarbons

VCSV = Volatilization Criteria for Soil Vapor

WQS = Water Quality Standards

<sup>\*\*</sup> Use of I/C DEC cannot apply to areas that do not meet, the definition of "other restricted-access" in 40 CFR 761.123, including any location within 300 feet of residential use.