

January 2011 Update

Mystery Bridge Rd/U.S. Highway 20 Superfund Site

Casper, Wyoming
(Five-Year Review date: 9/30/2009)

***H**ighlights since the 2009 Five-Year Review*

- **Institutional Controls (ICs) were implemented at this site in September 2010. A Record of Decision was also signed in September 2010 documenting the source control remedy (Operable Unit 2).**

Issues & Recommendations Update

Issue	Recommendations/ Follow-up	Follow-up Actions (Status/ Due Date)	Status of Follow-up Actions Jan. 2011	Resp. Party
1) Institutional control on groundwater use not implemented.	Implement protocol in use at former Casper Amoco Refinery. Requires providing map to Wyoming State Engineer's office illustrating area of concern. State Engineer then solicits technical opinion from Wyoming Department of Environmental Quality (WDEQ) when well permit application is received. State Engineer then implements WDEQ recommendation. EPA notified of WDEQ determination.	6/2010 Completed 9/2010	ICs implemented on both properties in September 2010. KMI and DOW/DSI included GW restrictions in each of their ICs.	PRP/ WDE Q
2) Institutional controls on KMI and DOW/DSI properties are not implemented.	Land use restrictions need to be implemented on the KMI and DOW/DSI properties since clean up was not done to levels that allow for unrestricted use.	6/2010 Completed 9/2010	ICs implemented on both properties in September 2010.	PRPs/ EPA

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3) Sporadic groundwater contamination above performance standards.	Continue monitoring of groundwater quality trends	Ongoing until ROD requirement is met	KMI property has met cleanup standards. Monitoring ongoing at DOW/DSI property.	PRP/ EPA
4) Reoccurrence of light non-aqueous phase liquid in multiple monitoring wells during period of low groundwater table.	Continue monitoring of groundwater quality trends	Ongoing until ROD requirement is met	KMI property has met cleanup standards. Monitoring ongoing at DOW/DSI property.	PRP/ EPA
5) Site documents indicate that indoor vapor issues are not an issue at the site, but these documents are dated.	Conduct a review of the most recent data to ensure the indoor vapor exposure pathways remain protective.	6/2010 Completed 9/2010	Vapor intrusion modeling conducted in 2010. Pathway is protective. This is documented in Sept. 2010 ROD.	EPA