

RESPONSE TO MONTESSORI SCHOOL COMMENTS
HUNTINGTON CENTER CAR WASH CLOSURE CLAIM 2215

Comment 1: The report mentions that the exposure is minimal because the car wash property is paved. Since the school yard is not paved, is there any danger of vapor exposure?

Response: There is no danger of vapor exposure from any residual hydrocarbons in the soil or groundwater beneath the playground. As a result of soil excavation, soil vapor extraction and removal of more than 1,200,000 gallons of impacted groundwater, only the water quality objectives for benzene and MTBE are currently slightly exceeded in three of 12 monitoring wells at this Site. As the playground is unpaved, season rainfall over the years would have continuously flushed any residual petroleum hydrocarbons from the soil and into the groundwater. Review of the latest ground water results for MW-7 and MW-8 located adjacent to the unpaved school playground found that the only detectable volatile petroleum constituent remaining in groundwater above the water quality objective of 1.0 µg/L was benzene at 2.1 µg/L and 3.2 µg/L, respectively. This demonstrates that there is not a sufficient mass of petroleum hydrocarbon remaining in the soil to impact either the groundwater or volatilize to outdoor air.

Comment 2: The cover plates on the test wells are a trip hazard.

Response: The Case Closure Order will require that all monitoring wells will be properly abandoned and the well boxes removed.