

RMC Lonestar  
1500 Calaveras Rd  
Sunol

Aug 29, 1990

## MEETING

I met with Messrs. Harry Reppert and Louis Schipper of RMC-Lonestar; and, Stephen Carter, Jeffrey Peterson, and Jeffrey Ryan of GeoStrategies Inc (aka Gettler-Ryan) at the RMC Lonestar facility, noted above to observe the progress thus far in remediating the soils impacted by the release of approx. 2700 gals. of diesel on Monday, August 20, 1990, and to discuss future work at the site, including sampling strategies and insitu treatment of soils beneath the fuel tank pad.

Approximately 1500-1800 yds<sup>3</sup> of material has thus far been excavated from grade level and down the side of the gravel pit <sup>perimeter</sup> decline. This material has been piled upon Visqueen in an area east of the excavation awaiting bioremediation. Additional small "pockets" of contamination still exist and will be excavated, but it is clear that the vast majority of the contamination has been removed.

According to the field geologist, Stephen Carter, several areas of preferential verticle migration conduits were discovered in the form of root holes, ~~and~~ animal burrows, and areas of differential compaction and/or heterogeneity of materials. For example, in an area just south of the

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tank house along the gravel pit perimeter, an area composed primarily of large cobbles and boulders was found below the surface with very little interstitial fine material. This boulder/cobble field provided a very rapid conduit for vertical migration of fuel to much deeper depths. Fuel has impacted soils to the bottom of the gravel pit.

Reconnaissance sampling is planned in the next few days. Depending on these results, final confirmatory sampling will follow. I requested to be notified when such sampling is planned. We discussed suitable sampling locations and numbers.

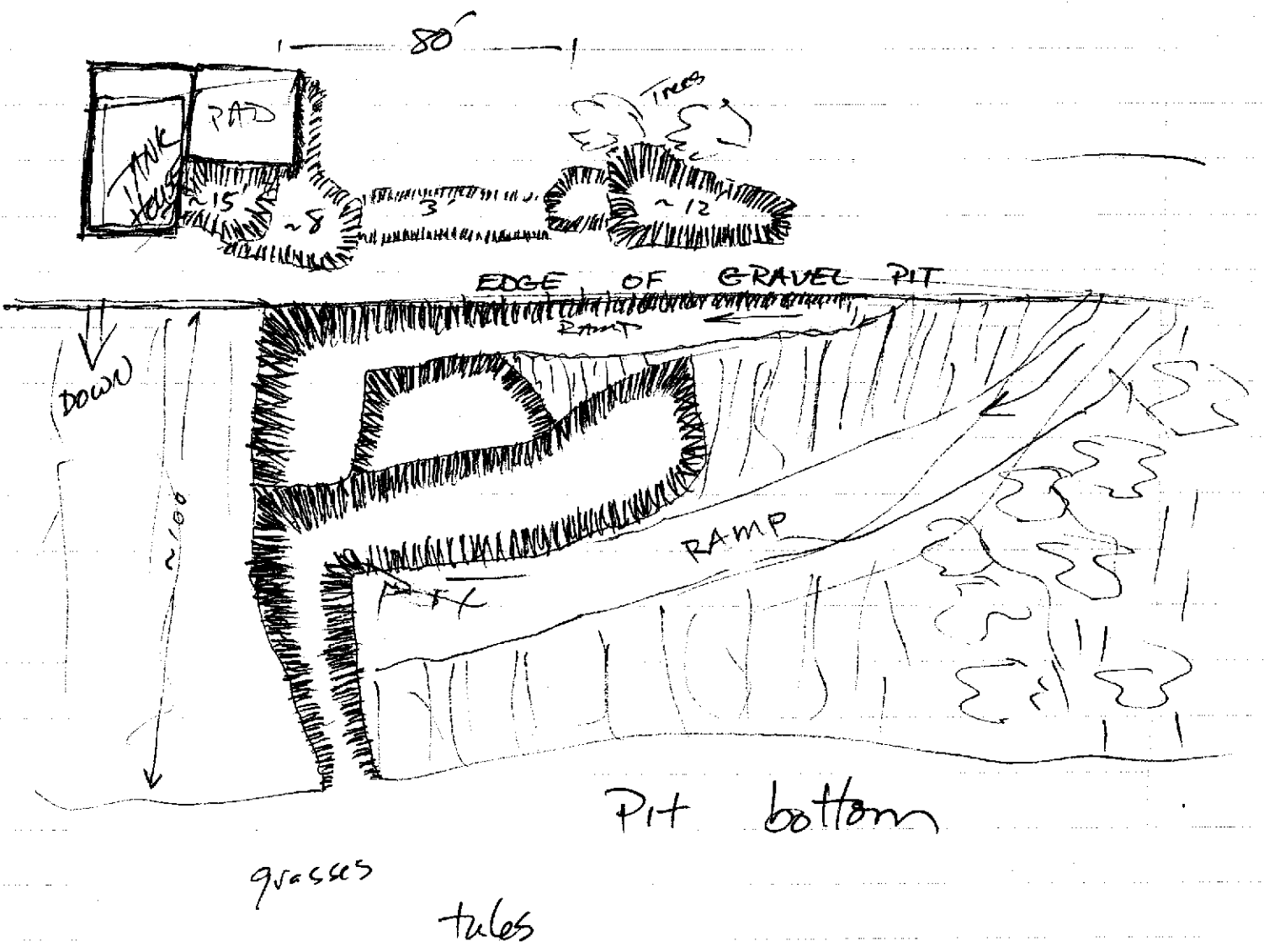
We also discussed the remediation of soils beneath the tank house and fueling pad. I suggested that EMC's consultant, GSI, submit a proposal to address this issue which would expound on several alternatives and their consequences.

I advised Mr. Reppert that H<sub>2</sub>O wells will likely be required.

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SKETCH OF EXCAVATION  
RMC - LONESTAR  
17007 CALAUERAS RD  
SUNOL



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