Sterrett Passive Treatment System
Addendum

May 27, 2015		
1.	Aggregate for AMD collection	All aggregate used for AMD collection must have <1% CaCO3 content. Contractor may use surplus stone from previous AMD collection that is available on site.
2.	DLB Fill Test	The DLBs should be tested for leakage by filling with water, holding for at minimum of 48 Hours, and measuring loss in water at the water level control structure. These cells must be shown to hold water before limestone aggregate is to be installed. The test shall occur after the cells are constructed, rolled for final compaction and the plumbing has been installed, but before placement of limestone aggregate. No limestone will be installed until passage of leak test.
3.	Surface Water Pipe	Water carried by the northern surface water channel will be piped in an 18" smooth wall HDPE culvert pipe to Pond 2. Approximately 175 ft of pipe will be needed. Add 12 tons R-4 Rip Rap as outlet protection. See Addendum Figure.
4.	Access Road Stone	The bidder should assume purchasing 255 tons of AASHTO #3 limestone (>85% $CaCO_3$) for access road improvements. Stone not used for the road will be stockpiled on site for use in the DLBs.
5.	Clean up	Debris, mainly CCP, present on site from previous AMD collection should be removed from the site and properly disposed of.
6.	CAD Files	The project's design will be provided in AutoCAD DWG to the contractor that is awarded the project.
7.	Limestone Source	One acceptable source of limestone for the project is Vanport limestone produced by Allegheny Mineral (Harrisville PA). Per M. Odasso (May 20 2015), the price for stone delivered to the treatment systems is $16.50/ton. There is a detour scheduled for Rt 58 in July and August. Deliveries at that time would cost $17.00/ton. Allegheny Minerals will deliver material into each cell but a stable level ramp must be maintained for safe dumping of aggregate into these cells. Care must be taken to prevent mud and dirt from being deposited within these cells when aggregate is being placed.
8.	8" Pipe from flow distribution to Pond 2	Add pipe fittings necessary to connect flow distribution to 8" bypass. Add R-4 rip as necessary at end of bypass pipe to Pond 2. See Addendum Figure.
9.	12" Pipes from DLB's to Pond 2	Add 12 tons R-4 limestone rip rap at end of pipes to protect from erosion. See Addendum Figure