



WASTE MANAGEMENT

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To Whom It May Concern:

Copperhead Custom, Inc. has been *the* most important asset to our landfills. Gas extraction is critical in our daily operations, as our hills are changing every day. To have Copperhead around gives me a peace of mind, as I know I can rely on them to handle any situation that may arise. I have had them inspect wells with their high quality cameras, dropping them down our deepest wells, allowing me to get a thorough inspection of them. Being able to see the integrity of our wells from the inside-out tells more than just a story; it keeps us in compliance by allowing us to be ahead of our game and make the next best practical moves. We can see, in absolute picture-perfect quality, each slot of our wells, exposing the story behind why these wells are in question. We have come across anything from silted-in slots, to collapsed wells at the slots (which we were later able to determine with this information that our slots we have created were not withstanding the changing conditions of our landfill and we needed to instigate a change). Having a copy of the DVD they provide me at the end of each camera investigation, created on-the-spot, allows me to access the data at any given time.

Copperhead has also come up with unique equipment to safely and efficiently remove silt from our deepest wells with methods unknown (the removal has been described as a vacuum.) They are also very capable of breaking up scales from the walls and slots without degradation to the stone bed, along with the removal of all scale from bottom of well to guarantee a clean well for further gas extraction.

For an example of a specific time I had used their services, I had four gas wells in a row that registered zero flow according to our instruments. I had determined these four wells would need Copperheads services. First, they were camera'd. Cleaning and removal of silt came next. I watched as they removed chunks of scale and large amounts of silt which had clogged the slots. I was able to see the positive results on the camera immediately afterwards. I could see the clean slots and confirm they were exposed and no longer silted-in. After reactivating these gas wells, I was able to draw out 400scfm, whereas before I was registering zero. One example of many that I have of why I would endorse Copperhead's professional services.

We have containment tanks for the leachate produced all around our sites, and we have Copperhead clean them on a scheduled basis. This allows us to confirm the integrity of our tanks, as we can see if the inside walls are degrading. I have also had them, on several occasions, clean our 4" lines that run to the containment tanks. When they become blocked, our pumps will cease and we could essentially have a break-out. I wouldn't think twice about calling Copperhead when it comes time to get a job done. They are both professional and reliable.

Brett Cohen
Wellfield Technician
GROWS-GROWS North-TRRF Landfills

From everyday collection to environmental protection, Think Green® Think Waste Management.