CleanaWater®

FAQ: Mining Wash Bays

Can I wash LV and HV on the same wash pad?

Yes. Ensure your treatment system and sump can handle required rain events.

Does a wash bay need any walls?

No. Unless you wish to control water spray or have high volume water cannons.

My water is running off the wash pad and evaporates into the dirt, is this OK?

No. Water should be contained within a sump to and processed through a treatment system to remove contaminants prior to discharge. Untreated water contain a variety of contaminants that should not be permitted to leach into soil.

What should I not be doing in my wash bay?

Discharging coolants, acids, caustics or waste oil directly into sumps must be avoided. The use of solvent based degreasers and detergents should not be used in accordance with your site environmental policy. All of these factors may cause your treatment system to not operate efficiently.

Are there above ground wash bays available?

Yes, CleanaWater offer modular wash bays which are a cost-effective and convenient solution where site modification isn't possible.

Where do I discharge wash water to?

Cleana

Typical discharge is to evaporation ponds, holding tanks or site water treatment plants.

Do you supply all equipment for wash bays?

Yes. CleanaWater provide turnkey wash down bay packages.

What detergents and degreasers should I be using in my wash down?

Use biodegradable detergents and quickbreak degreasers for effective oil separation. Quick-break degreasers ensure oil and water separate within minutes, enhancing your oil separation system's efficiency. Non-quick-break compounds keep oil and water suspended longer, potentially bypassing the oil separator.

How do I best retain solids that accumulate in my wash down practices?

Beach pits/drive in sumps are excellent for high solids wash down environments allowing for front end loaders to drive in to remove sludge periodically. These are standard designs for mining environments and workshops.

My discharge point is far away, what do I do with wash down water?

CleanaWater provide packaged pump stations to accompany oil separator systems, we will pump to your discharge point regardless of distance.