ATTACHMENT II-1-2-1

APPROVED TREATMENT REAGENTS

REAGENT	CAS Number[1]
Ammonium Sulfate	7783-20-2
Ammonium Phosphate (Monobasic)	7722-76-1
Anionic and Cationic Floculants	None
Aquaset	14808-60-7
Aquaset II	14808-60-7
Aquaset II-H	None
Calcium Hypochlorite	7778-54-3
Calcium Superphosphate	None
Calcium Sulfate	10101-41-4
Calcium Bisulfite	1344-81-6
Calcium Polysulfide (Lime, sulfurated)	None
Calcium Dimethyldithiocarbamate	20279-69-0
Calcium Dimethyldithiocarbonate	None
Calcium Chloride	10043-52-4
Calcium Tetrathiocarbonate	None

Carbon	7440-44-0
Cellulose Xanthanide	None
Cement (Portland)	65997-15-1
Cement Kiln Dust	None
Copper	None
Ferric Oxide	1309-37-1
Ferrous Oxide	1345-25-1
Ferrous Sulfate	7720-78-7
Ferrous Ammonium Sulfate	10045-89-3
Fly Ash (Class C & F)	None
Green Phosphate (Triple Superphosphate)	7664-38-2
Hg Buster 7[2]	None
Hydrogen Peroxide	7722-84-1
Iron Chips	None
Lime	1305-78-8
Magnesium Oxide	1309-48-4
Methanol (when used with Petroset II or II-H)	67-56-1
Nickel	None

2 Hg Buster 7 shall be used in accordance with the manufacturer's instructions for process monitoring and controls, as documented in the treatment formula summary. Form EC-2300 shall be customized, as needed, for each treatment formula using Hg Buster 7 so that process monitoring and control data is documented.

Natural clay	None
Organoclay BM-Qt-199	None
Petroset	1318-93-0
Petroset II	None
Petroset II-G	None
Petroset II-H	1318-93-0
Potassium Permanganate	7722-64-7
Potassium Phosphate (Monobasic)	7778-77-0
Salt Water (˜ 8%)	None
Selenium	7782-49-2
Sodium Sulfate	7757-82-6
Sodium Percarbonate	15630-39-4
Sodium Sulfonate	None
Sodium Metabisulfite	7681-57-4
Sodium Thiosulfate	7772-98-7
Sodium Dimethyldithiocarbamate	128-04-1
Sodium Sulfide (Flake)	16721-80-5
Sodium Hydroxide	1310-73-2
Sodium Silicate	1344-09-8
Sodium Dimethyldithiocarbonate	None
Sodium Aluminate	1302-42-7

Sodium Carbonate	497-19-8
Sodium Tetrathiocarbonate	7345-69-9
Starch Xanthate	None
Sulfur (elemental)	7704-34-9
Sulfuric Acid	7664-93-9
Tin	7440-31-5
Zeolites (Clinoptilolites, Aluminum Silicates)	None
Zinc	None

(Note: Treatment reagents shall be selected on the basis of the goals of the treatment process. For example, where inorganics and aqueous slurries are the object of the treatment, such reagents which stabilize inorganics shall be used. Similarly, where organics are to be treated, such reagents which stabilize organics shall be used. Where both inorganics and organics are the object, a combination of treatment reagents may be used.)