Tou. 3a

Provided below (where possible) is a ⟶ description of the common chemical name, specific chemical name and the chemical composition by volume
For each substance used or generated by DAC Torrance and disposed at OII ~~here is provided (where possible) a written description of the common chemical name and the chemical composition by volume~~;
** If the substance used from 1977 thru 1983 is unknown the substance used today is described.

Common Name	Specific Chemical Name	*Average Composition by Volume**
1. MUD: was common name for what is referred to today as oil or coolant and water	Same	3% oil (126 gal) 97% H_2O (4074 gal)
2. MUD & WATER Same as 1	Same	Same as 1
3. Wastewater which also refers to mud, oil and water	Same	3% oil (126 gal) 97% water (4074 gal)
4. "Caustic", Caustic Soda, Soda lye, lye	NaOH (Sodium Hydroxide)	20% → 30% NaOH (84% → 2100 gals) ~~50% → 80% water~~ (2100 → 3360 gal)
5. Water	Same	100% water 116 gal 2% other substance 84 gal
6. PAINT SLUDGE	SAME	5% paint residues (210 gals) 2% NaOH (84 gals) 93% water (3906 gals)

** Note: Average composition by volume refers to the percentage of the substance or chemical (using the common name) out of an average of 4200 gals of ~~fluid~~ the substance deposited at OII (what it is mixed with when deposited)

BOE-C6-0119565

Common Name	Specific Chemical Name	Average composition by Volume*
*7. SLUDGE (Chrome)	Same	10% Chromium hydroxide 90% Water (4[illegible] gal)
8. Isopropanol, IPA, 2-propanol, sec-propylalcohol	Isopropyl Alcohol	5% Isopropyl Alcohol (210 gal) 95% water (39[illegible] gal) 5% Ethylene Glycol (210 gal)
9. *SOAP	There are approximately 28 various types of cleaners & type of detergent used today - Not known exactly what was used from 1977 → 1983. List of Soap used today available upon request.	2% Soap (84 gal) 98% water (4116 gal)
10. OIL COOLANT	Same	3% oil (126 gal) 97% water
11. OIL & COOLANT	Same	4% oil & coolant (4074 gal) 96% water
12. Coolant	Same	3% coolant 126 gal 97% water (4074 gal)
13. Sulfur Water	Same	1% Sulfur 42 gal 99% water 4158 gal
14. Chromic Acid H_2CrO_4	Same	3% Chromic acid 126 gal 97% Water 4074 gal
15. *INK (TANK Testing Ink)	Same	*used today DPN5160 5% Red Dye Oil [illegible] gal 95% Water 3990 gal Not known what was used from 1977 to 1983.
16. Sodium Bicarbonate	Same	45% Sodium Bicarbonate 1332 gal 55% Water (1628 gal)