



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources

Energy & Carbon Management Commission (ECMC)

2025 ANNUAL REPORT of CHEMICAL DISCLOSURES IN DOWNHOLE OIL AND GAS PRODUCTION OPERATIONS

to the

75th General Assembly

in Accordance

with

House Bill 22-1348



COLORADO
Energy & Carbon Management
Commission

Department of Natural Resources

*2025 Annual Report of Chemical Disclosures in Downhole Oil and Gas
Production Operations*

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Introduction

House Bill 22-1348 established a regulatory framework that requires the disclosure of certain chemical information for products used in downhole oil and gas production operations and directed the Colorado Energy and Carbon Management Commission (ECMC) to utilize a chemical disclosure website to collect and share that information with the public. In addition, ECMC is required to prepare an annual report for the General Assembly including this information beginning in January 2026.

This report satisfies the annual requirement to report on chemicals used in downhole production operations described above.

Chemical Disclosure Requirements

House Bill 22-1348 requires, effective July 31, 2023, that operators, service providers, and direct vendors that provide chemical products directly to an operator or service provider at a well site (discloser) for use in underground oil and gas operations (downhole production operations) in the state must disclose to the commission:

- The trade name of the chemical product; and
- A list of the names and Chemical Abstract Service number (Cas #) of each chemical used in the chemical product.
- A declaration that the chemical product contains no intentionally added perfluoroalkyl or polyfluoroalkyl chemicals.

In addition, an operator of downhole production operations using a chemical product must disclose to the commission:

- The date of commencement of downhole operations;
- The county of the well site where downhole operations are being conducted;
- The unique numerical identifier (API Number) assigned by the American Petroleum Institute to the well where downhole operations are being conducted and the US well number assigned to the well where downhole operations are being conducted; and
- The trade names and quantities of any chemical products the operator used in downhole operations.

The operator is also required to provide the chemical disclosure list to persons and entities within a half mile of the downhole production operations within 30 days of disclosure to the commission.

Chemical Disclosures to ECMC

ECMC and the Office of Information Technology established a reporting database for disclosure of chemicals used in hydraulic fracturing operations in 2024 and operators began submitting chemical disclosures as required by House Bill 22-1348. As of September 2025, ECMC reported that operators have achieved 97% compliance with the requirement to report chemical disclosures to ECMC.

Tables 1, 2, and 3 list all chemicals used in downhole operations in 2023, 2024, and 2025, respectively. The tables include the CAS number, which is a unique identifier assigned to each chemical, the name of the chemical constituent, and the number of wells in which each chemical was reported to have been used.

Conclusion

ECMC continues to monitor compliance with House Bill 22-1348 to ensure that all chemicals utilized in downhole production operations are reported. Additionally, ECMC reviews chemical disclosures to ensure that chemicals banned by ECMC Rule 437 (Hydraulic Fracturing Chemical Additives), are not being used in downhole production operations throughout the state. Through chemical disclosure, ECMC is investigating potential isolated use of other banned chemicals and is working through enforcement in those instances.

ECMC remains committed to the mission of regulating the development and production of oil and gas, deep geothermal resources, the capture and sequestration of carbon, and the underground storage of natural gas in a manner that protects public health, safety, welfare, the environment and wildlife resources. Requiring the reporting by operators of chemicals used in downhole production operations has helped to advance this mission.

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Table 1. Chemicals disclosed to ECMC in 2023

CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
95-63-6	1,2,4-Trimethylbenzene	162
61789-40-0	1-Propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivatives, inner salts	39
2101310-09-0	1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-, sodium salt (1:1), polymer with 2-propenamide, hydrolyzed, sodium salts	1
10222-01-2	2,2-Dibromo-3-nitrilopropionamide	36
67-63-0	2-Propanol	232
10604-69-0	2-Propenoic acid, ammonium salt	102
26100-47-0	2-Propenoic acid, ammonium salt (1:1), polymer with 2-propenamide	128
134959-78-7	2-Propenoic acid, polymer with 2-propenamide and sodium 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonate (1:1)	21
38172-91-7	2-Propyn-1-ol, compd. with 2-methyloxirane (1:?)	39
79-06-1	Acrylamide	339
25085-02-3	Acrylamide sodium acrylate copolymer	29
25987-30-8	Acrylamide, sodium acrylate polymer	311
68002-97-1	Alcohols, C10-16, ethoxylated	125
78330-21-9	Alcohols, C11-14-isoalcohols, c13-rich, ethoxylated	82
68439-50-9	Alcohols, C12-14, ethoxylated	71
84133-50-6	Alcohols, C12-14-secondary, ethoxylated	57

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
68131-39-5	Alcohols, C12-15 linear, ethoxylated	169
68551-12-2	Alcohols, C12-16, ethoxylated	223
68951-67-7	Alcohols, C14-15, ethoxylated	187
68920-66-1	Alcohols, C16-18 and C18-unsaturated, ethoxylated	21
68439-46-3	Alcohols, C9-11, ethoxylated	14
68037-05-8	Alkyl ether sulfate	3
64366-70-7	Alkyl oxirane polymer	19
68649-44-5	Amino methylene phosphonic acid salt	22
12125-02-9	Ammonium chloride	136
7722-76-1	Ammonium dihydrogen phosphate	1
7783-20-2	Ammonium sulfate	25
1302-78-9	Bentonite	9
68648-87-3	Benzene, C10-16 alkyl derivatives	15
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	14
12280-03-4	Boron sodium oxide tetrahydrate	78
7440-70-2	Calcium	75
9012-54-8	Cellulase	3
10049-04-4	Chlorine dioxide	211
7758-19-2	Chlorous acid, sodium salt	212
67-48-1	Choline chloride	78

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
104-55-2	Cinnamaldehyde	211
5392-40-5	Citral	39
77-92-9	Citric acid	19
68139-30-0	Cocamidopropyl hydroxysultaine	3
61791-14-8	Cocamine	1
595585-15-2	D-glucurono-d-gluc-6-deoxy-l-mannan, acetate, calcium magnesium potassium sodium salt	2
7631-86-9	Diatomaceous silica	75
7173-51-5	Didecyl dimethyl ammonium chloride	14
111-46-6	Diethylene glycol	22
63148-62-9	Dimethyl siloxanes and silicones	5
111-42-2	Diolamine	73
34590-94-8	Dipropylene glycol methyl ether	347
139-33-3	Disodium ethylene diamine tetra acetate (impurity)	71
26836-07-7	Dodecylbenzenesulfonic acid, monoethanolamine salt	38
64-17-5	Ethanol	277
61791-12-6	Ethoxylated castor oil	68
30846-35-6	Ethoxylated propoxylated 4-nonylphenol-formaldehyde resin	14
24938-91-8	Ethoxylated tridecyl alcohol	5
107-21-1	Ethylene glycol	235

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
75-21-8	Ethylene oxide	19
61790-12-3	Fatty acid, tall-oil	188
50-00-0	Formaldehyde	20
63428-92-2	Formaldehyde, polymer with 2-methyloxirane, 4-nonylphenol and oxirane	162
29316-47-0	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol and 2-methyloxirane	162
64-18-6	Formic acid	210
65997-17-3	Glassy calcium magnesium phosphate	43
111-30-8	Glutaraldehyde	84
9000-30-0	Guar gum	95
64742-94-5	Heavy aromatic petroleum naphtha	176
9025-56-3	Hemicellulase enzyme	3
7647-01-0	Hydrochloric acid	529
61791-26-2	Hydrogenated tallow amine	58
64742-47-8	Hydrotreated light petroleum distillate	566
7786-30-3	Magnesium chloride	47
7791-18-6	Magnesium chloride hexahydrate	75
7487-88-9	Magnesium sulfate	47
37288-54-3	Mannanase, endo-1,4-beta-	3
75-75-2	Methanesulfonic acid	39

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
67-56-1	Methanol	475
141-43-5	Monoethanolamine	39
91-20-3	Naphthalene	176
68410-62-8	Naphthenic acid ethoxylated	1
7727-37-9	Nitrogen	3
93-83-4	Oleic acid diethanolamide	67
68953-58-2	Organophylic clay	2
876065-86-0	Oxygenate and paraffinic stream	28
140-01-2	Pentasodium pentetate	21
9003-35-4	Phenol / formaldehyde resin	6
9003-06-9	Poly(acrylamide-co-acrylic acid)	41
57635-48-0	Poly(oxy-1,2-ethandiyl), a-(carboxymethyl)-w-[(9z)-9-octadecen-1-yloxy]	21
9004-98-2	Poly(oxy-1,2-ethanediyl), .alpha.-(9z)-9-octadecen-1-yl-.omega.-hydroxy	21
227310-69-2	Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-hydroxy-, c16-18 and c18-unsatd. alkyl ethers	21
127087-87-0	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	162
9003-05-8	Polyacrylamide	199
52624-57-4	Polyalkylene glycol	188

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
25322-68-3	Polyethylene glycol	3
9016-45-9	Polyethylene glycol nonylphenyl ether	1
9051-89-2	Poly lactide resin	38
9004-96-0	Polyoxyethylene monoleate	92
910644-97-2	Polypropenamide	47
31512-74-0	Polyquaternium 42	36
7440-09-7	Potassium	75
7447-40-7	Potassium chloride	1
1310-58-3	Potassium hydroxide	14
7681-11-0	Potassium iodide	39
24634-61-5	Potassium sorbate	3
107-19-7	Propargyl alcohol	187
108-32-7	Propylene carbonate	78
57-55-6	Propylene glycol	6
68424-85-1	Quaternary ammonium compound	102
1340-69-8	Quaternium 18-bentonite	77
15619-48-4	Quinolinium, 1-(phenylmethyl)-, chloride	1
112926-00-8	Silica gel	6
14808-60-7	Silicon dioxide	260
532-32-1	Sodium benzoate	3

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
7631-90-5	Sodium bisulfite	81
68439-57-6	Sodium c14-16 olefin sulfonate	38
7775-09-9	Sodium chlorate	135
7647-14-5	Sodium chloride	492
1310-73-2	Sodium hydroxide	241
7681-52-9	Sodium hypochlorite	161
10555-76-7	Sodium metaborate	61
10486-00-7	Sodium perborate tetrahydrate	87
9003-04-7	Sodium polyacrylate	25
17354-14-2	Solvent blue 35	28
8003-22-3	Solvent yellow 33	28
1338-39-2	Sorbitan monolaurate	78
9005-65-6	Sorbitan monooleate polyoxyethylene derivative	77
1338-43-8	Sorbitan, mono-9-octadecenoate, (z)	385
61723-83-9	Sorbitol diethoxylated tetraoleate	78
14960-06-6	SS-alanine, n-(2-carboxyethyl)-n-dodecyl-, sodium salt (1:1)	39
57-50-1	Sucrose	3
7664-93-9	Sulfuric acid	14
68155-20-4	Tall oil acid diethanolamide	26
72480-70-7	Tar bases, quinoline derivatives benzyl chloride-quaternized	191

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2023
68513-87-1	Tar bases, quinoline derivatives	191
75-91-2	Tert-butyl hydroperoxide	76
55566-30-8	Tetrakis(hydroxymethyl) phosphonium sulfate	20
64-02-8	Tetrasodium ethylenediaminetetraacetate	47
68527-49-1	Thiourea-formaldehyde copolymer	206
9082-00-2	Thylene oxide-propylene oxide copolymer glycerol ether	32
81741-28-8	Tributyl tetradecyl phosphonium chloride	56
1319-33-1	Ulexite	2
57-13-6	Urea	121
7732-18-5	Water	2305
8042-47-5	White mineral oil	9

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Table 2. Chemicals disclosed to ECMC in 2024

CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
9065-11-6	Acrylic polymer dispersion	27
95-63-6	1,2,4-Trimethylbenzene	67
65322-65-8	1-(1-Naphthylmethyl)quinolinium chloride	158
2425-54-9	1-Chlorotetradecane	59
61789-40-0	1-Propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivatives, inner salts	33
1120-36-1	1-Tetradecene	59
10222-01-2	2,2-Dibromo-3-nitrilopropionamide	50
112-34-5	2-(2-Butoxyethoxy)ethanol	1
52-51-7	2-Bromo-2-nitropropane-1,3-diol	18
67-63-0	2-Propanol	702
10604-69-0	2-Propenoic acid, ammonium salt	399
26100-47-0	2-Propenoic acid, ammonium salt (1:1), polymer with 2-propenamide	466
38172-91-7	2-Propyn-1-ol, compd. with 2-methyloxirane (1:?)	33
64-19-7	Acetic acid	162
98-86-2	Acetophenone	158
79-06-1	Acrylamide	757

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
25085-02-3	Acrylamide sodium acrylate copolymer	84
25987-30-8	Acrylamide, sodium acrylate polymer	500
68002-97-1	Alcohols, C10-16, ethoxylated	287
78330-21-9	Alcohols, C11-14-isoalcohols, c13-rich, ethoxylated	211
66455-14-9	Alcohols, C12-13, ethoxylated	1
68439-50-9	Alcohols, C12-14, ethoxylated	168
84133-50-6	Alcohols, C12-14-secondary, ethoxylated	298
68131-39-5	Alcohols, C12-15 linear, ethoxylated	7
120313-48-6	Alcohols, C12-15-branched and linear, ethoxylated propoxylated	62
68551-12-2	Alcohols, C12-16, ethoxylated	722
68951-67-7	Alcohols, C14-15, ethoxylated	289
68439-46-3	Alcohols, C9-11, ethoxylated	11
64366-70-7	Alkyl oxirane polymer	485
68439-70-3	Amines, C12-16-alkyldimethyl	1
68649-44-5	Amino methylene phosphonic acid salt	45
631-61-8	Ammonium acetate	4

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
12125-02-9	Ammonium chloride	132
7722-76-1	Ammonium dihydrogen phosphate	1
7727-54-0	Ammonium persulfate	16
7783-20-2	Ammonium sulfate	99
1302-78-9	Bentonite	26
68648-87-3	Benzene, C10-16 alkyl derivatives	86
129813-58-7	Benzene, mono-C10-13-alkyl derivatives	1
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	1
12280-03-4	Boron sodium oxide tetrahydrate	32
7440-70-2	Calcium	148
10043-52-4	Calcium chloride	10
9012-54-8	Cellulase	5
10049-04-4	Chlorine dioxide	414
7758-19-2	Chlorous acid, sodium salt	416
67-48-1	Choline chloride	32
104-55-2	Cinnamaldehyde	536
5392-40-5	Citral	33

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
77-92-9	Citric acid	506
61791-14-8	Cocamine	1
9004-54-0	Dextran	10
7631-86-9	Diatomaceous silica	15
7173-51-5	Didecyl dimethyl ammonium chloride	4
111-46-6	Diethylene glycol	50
63148-62-9	Dimethyl siloxanes and silicones	90
111-42-2	Diolamine	255
34590-94-8	Dipropylene glycol methyl ether	535
139-33-3	Disodium ethylene diamine tetra acetate (impurity)	168
26836-07-7	Dodecylbenzenesulfonic acid, monoethanolamine salt	9
64-17-5	Ethanol	238
61791-12-6	Ethoxylated castor oil	48
61791-29-5	Ethoxylated fatty acid	3
24938-91-8	Ethoxylated tridecyl alcohol	63
107-21-1	Ethylene glycol	598
75-21-8	Ethylene oxide	254

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
61790-12-3	Fatty acid, tall-oil	290
50-00-0	Formaldehyde	171
63428-92-2	Formaldehyde, polymer with 2-methyloxirane, 4-nonylphenol and oxirane	67
29316-47-0	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol and 2-methyloxirane	67
68171-44-8	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, 4-nonylphenol and oxirane	1
64-18-6	Formic acid	693
65997-17-3	Glassy calcium magnesium phosphate	10
111-30-8	Glutaraldehyde	203
9000-30-0	Guar gum	44
64742-94-5	Heavy aromatic petroleum naphtha	68
9025-56-3	Hemicellulase enzyme	5
7647-01-0	Hydrochloric acid	1090
61791-26-2	Hydrogenated tallow amine	299
64742-47-8	Hydrotreated light petroleum distillate	942
5995-42-6	Hydroxyethylamino-di (methylene phosphonic acid)	17
7786-30-3	Magnesium chloride	18

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
7791-18-6	Magnesium chloride hexahydrate	150
7487-88-9	Magnesium sulfate	9
75-75-2	Methanesulfonic acid	33
67-56-1	Methanol	1100
141-43-5	Monoethanolamine	33
91-20-3	Naphthalene	68
68410-62-8	Naphthenic acid ethoxylated	1
93-83-4	Oleic acid diethanolamide	57
68953-58-2	Organophylic clay	3
876065-86-0	Oxygenate and paraffinic stream	28
129828-36-0	P,p',p'',p'''-[[[(phosphonomethyl)imino]bis[2,1-ethanediyl]nitrilobis(methylene)]]tetrakis-, sodium salt (1:7)	11
140-01-2	Pentasodium pentetate	3
110224-99-2	Phosphinocarboxylic acid	17
70714-66-8	Phosphonic acid, p,p',p'',p'''-[[[(phosphonomethyl)imino]bis[2,1-ethanediyl]nitrilobis(methylene)]]tetrakis-, ammonium salt (1:?)	7
38820-59-6	Phosphonic acid, p,p'-[1,6-hexanediylbis[nitrilobis(methylene)]]tetrakis-, potassium salt (1:?)	8

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
37971-36-1	Phosphonobutane tricarboxylic acid	17
7632-05-5	Phosphoric acid, sodium salt	1
9003-11-6	Poloxalene	8
9003-06-9	Poly(acrylamide-co-acrylic acid)	27
26062-79-3	Poly(diallyldimethylammonium chloride)	18
69011-36-5	Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched	1
127087-87-0	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	137
1252600-17-1	Poly[oxy(methyl-1,2-ethanediyl)], a-(2-aminomethylethyl)-?- (2-aminomethylethoxy)-, phosphonomethylated, sodium salts	1
9003-05-8	Polyacrylamide	806
52624-57-4	Polyalkylene glycol	485
9016-45-9	Polyethylene glycol nonylphenyl ether	2
9051-89-2	Polylactide resin	84
9004-96-0	Polyoxyethylene monooleate	299
910644-97-2	Polypropenamide	67
25322-69-4	Polypropylene glycol	27
31512-74-0	Polyquaternium 42	7

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
9002-85-1	Polyvinylidene chloride	1
7440-09-7	Potassium	148
7447-40-7	Potassium chloride	21
1310-58-3	Potassium hydroxide	1
7681-11-0	Potassium iodide	33
107-19-7	Propargyl alcohol	289
108-32-7	Propylene carbonate	32
57-55-6	Propylene glycol	5
68424-85-1	Quaternary ammonium compound	216
1340-69-8	Quaternium 18-bentonite	32
15619-48-4	Quinolinium, 1-(phenylmethyl)-, chloride	1
64741-85-1	Raffinates (petroleum), sorption process	8
224635-63-6	Reaction product of: acetophenone, formaldehyde, cyclohexylamine, methanol and acetic acid	158
112926-00-8	Silica gel	65
14808-60-7	Silicon dioxide	317
7631-90-5	Sodium bisulfite	399

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
68439-57-6	Sodium C14-16 olefin sulfonate	9
7775-09-9	Sodium chlorate	260
7647-14-5	Sodium chloride	829
2836-32-0	Sodium glycollate	22
1310-73-2	Sodium hydroxide	421
7681-52-9	Sodium hypochlorite	365
10555-76-7	Sodium metaborate	125
64057-57-4	Sodium peracetate	17
10486-00-7	Sodium perborate tetrahydrate	257
15475-67-9	Sodium phosphite	1
9003-04-7	Sodium polyacrylate	7
1303-96-4	Sodium tetraborate decahydrate	3
12179-04-3	Sodium tetraborate pentahydrate	1
17354-14-2	Solvent blue 35	28
8003-22-3	Solvent yellow 33	28
1338-39-2	Sorbitan monolaurate	32
9005-65-6	Sorbitan monooleate polyoxyethylene derivative	88

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
1338-43-8	Sorbitan, mono-9-octadecenoate, (z)	852
61723-83-9	Sorbitol diethoxylated tetraoleate	298
14960-06-6	SS-alanine, n-(2-carboxyethyl)-n-dodecyl-, sodium salt (1:1)	33
57-50-1	Sucrose	5
7664-93-9	Sulfuric acid	1
68155-20-4	Tall oil acid diethanolamide	222
72480-70-7	Tar bases, quinoline derivatives benzyl chloride-quaternized	50
68513-87-1	Tar bases, quinoline derivatives	50
75-91-2	Tert-butyl hydroperoxide	33
55566-30-8	Tetrakis(hydroxymethyl) phosphonium sulfate	13
64-02-8	Tetrasodium ethylenediaminetetraacetate	33
68527-49-1	Thiourea-formaldehyde copolymer	774
4719-04-4	Triazinetriethanol	10
81741-28-8	Tributyl tetradecyl phosphonium chloride	120
814-29-9	Tributylphosphine oxide	59
5064-31-3	Trisodium nitrilotriacetate	22

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2024
1319-33-1	Ulexite	3
57-13-6	Urea	323
7732-18-5	Water	4429
8042-47-5	White mineral oil	23

Table 3. Chemicals disclosed to ECMC in 2025

CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
9065-11-6	Acrylic polymer dispersion	2
65322-65-8	1-(1-Naphthylmethyl)quinolinium chloride	170
2425-54-9	1-Chlorotetradecane	29
61789-40-0	1-Propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivatives, inner salts	1
1120-36-1	1-Tetradecene	29
10222-01-2	2,2-Dibromo-3-nitrilopropionamide	35
111-76-2	2-Butoxyethanol	1
68609-68-7	2-Ethylhexanol distillation residuum	1
67-63-0	2-Propanol	514
10604-69-0	2-Propenoic acid, ammonium salt	220
26100-47-0	2-Propenoic acid, ammonium salt (1:1), polymer with 2-propenamide	259

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
134959-78-7	2-Propenoic acid, polymer with 2-propenamide and sodium 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonate (1:1)	2
38172-91-7	2-Propyn-1-ol, compd. with 2-methyloxirane (1:?)	1
26172-55-4	5-Chloro-2-methyl-4-isothiazolin-3-one	7
64-19-7	Acetic acid	189
98-86-2	Acetophenone	170
79-06-1	Acrylamide	481
25085-02-3	Acrylamide sodium acrylate copolymer	15
25987-30-8	Acrylamide, sodium acrylate polymer	366
40623-75-4	Acrylic acid-2-acrylamido-2-methylpropanesulfonic acid copolymer	3
68002-97-1	Alcohols, C10-16, ethoxylated	119
78330-21-9	Alcohols, C11-14-isoalcohols, C13-rich, ethoxylated	221
66455-14-9	Alcohols, C12-13, ethoxylated	1
68439-50-9	Alcohols, C12-14, ethoxylated	103
84133-50-6	Alcohols, C12-14-secondary, ethoxylated	159
120313-48-6	Alcohols, C12-15-branched and linear, ethoxylated propoxylated	29
68551-12-2	Alcohols, C12-16, ethoxylated	463
68951-67-7	Alcohols, C14-15, ethoxylated	181
68439-46-3	Alcohols, C9-11, ethoxylated	115
68037-05-8	Alkyl ether sulfate	6

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
64366-70-7	Alkyl oxirane polymer	313
68439-70-3	Amines, C12-16-alkyldimethyl	1
68649-44-5	Amino methylene phosphonic acid salt	29
12125-02-9	Ammonium chloride	61
7727-54-0	Ammonium persulfate	5
7783-20-2	Ammonium sulfate	43
1302-78-9	Bentonite	1
68648-87-3	Benzene, C10-16 alkyl derivatives	15
129813-58-7	Benzene, mono-C10-13-alkyl derivatives	3
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	3
10043-52-4	Calcium chloride	3
10049-04-4	Chlorine dioxide	254
7758-19-2	Chlorous acid, sodium salt	255
104-55-2	Cinnamaldehyde	363
5392-40-5	Citral	1
77-92-9	Citric acid	356
68139-30-0	Cocamidopropyl hydroxysultaine	6
68603-42-9	Coconut diethanolamide	19
9004-54-0	Dextran	12
7173-51-5	Didecyl dimethyl ammonium chloride	89
111-46-6	Diethylene glycol	31

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
63148-62-9	Dimethyl siloxanes and silicones	18
111-42-2	Diolamine	192
34590-94-8	Dipropylene glycol methyl ether	346
139-33-3	Disodium ethylene diamine tetra acetate (impurity)	103
27176-87-0	Dodecyl benzene sulfonic acid	19
26836-07-7	Dodecylbenzenesulfonic acid, monoethanolamine salt	1
64-17-5	Ethanol	187
61791-12-6	Ethoxylated castor oil	17
24938-91-8	Ethoxylated tridecyl alcohol	16
107-21-1	Ethylene glycol	375
75-21-8	Ethylene oxide	115
61790-12-3	Fatty acid, tall-oil	181
50-00-0	Formaldehyde	170
68171-44-8	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, 4-nonylphenol and oxirane	3
64-18-6	Formic acid	516
65997-17-3	Glassy calcium magnesium phosphate	6
111-30-8	Glutaraldehyde	285
9000-30-0	Guar gum	11
64742-94-5	Heavy aromatic petroleum naphtha	5
9025-56-3	Hemicellulase enzyme	6
7647-01-0	Hydrochloric acid	821

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
61791-26-2	Hydrogenated tallow amine	156
64742-47-8	Hydrotreated light petroleum distillate	690
5995-42-6	Hydroxyethylamino-di (methylene phosphonic acid)	49
9004-34-6	Lactose	6
7786-30-3	Magnesium chloride	31
7791-18-6	Magnesium chloride hexahydrate	3
7487-88-9	Magnesium sulfate	20
75-75-2	Methanesulfonic acid	1
67-56-1	Methanol	766
141-43-5	Monoethanolamine	1
91-20-3	Naphthalene	5
7727-37-9	Nitrogen	6
93-83-4	Oleic acid diethanolamide	15
68953-58-2	Organophylic clay	4
876065-86-0	Oxygenate and paraffinic stream	28
129828-36-0	P,p',p'',p'''-[[[(phosphonomethyl)imino]bis[2,1-ethanediyl]nitrilobis(methylene)]]tetrakis-, sodium salt (1:7)	4
29694-85-7	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-methyloxirane	2
110224-99-2	Phosphinocarboxylic acid	49
37971-36-1	Phosphonobutane tricarboxylic acid	49
7632-05-5	Phosphoric acid, sodium salt	1

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
9003-06-9	Poly(acrylamide-co-acrylic acid)	20
26062-79-3	Poly(diallyldimethylammonium chloride)	22
57635-48-0	Poly(oxy-1,2-ethandiyl), a-(carboxymethyl)-w-[(9z)-9-octadecen-1-yloxy]	2
69011-36-5	Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched	2
127087-87-0	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	30
1252600-17-1	Poly[oxy(methyl-1,2-ethanediyl)], a-(2-aminomethylethyl)-?(2-aminomethylethoxy)-, phosphonomethylated, sodium salts	1
9003-05-8	Polyacrylamide	379
52624-57-4	Polyalkylene glycol	313
25322-68-3	Polyethylene glycol	6
31726-34-8	Polyethylene glycol monohexyl ether	1
9016-45-9	Polyethylene glycol nonylphenyl ether	2
9051-89-2	Polylactide resin	29
9004-96-0	Polyoxyethylene monoleate	159
910644-97-2	Polypropenamide	22
25322-69-4	Polypropylene glycol	2
69418-26-4	Polyquaternium-33	19
7447-40-7	Potassium chloride	15
1310-58-3	Potassium hydroxide	2
7681-11-0	Potassium iodide	1

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
107-19-7	Propargyl alcohol	181
57-55-6	Propylene glycol	6
68909-18-2	Pyridinium, 1-(phenylmethyl)-, et me derivatives, chlorides	19
68424-85-1	Quaternary ammonium compound	292
224635-63-6	Reaction product of: acetophenone, formaldehyde, cyclohexylamine, methanol and acetic acid	170
112926-00-8	Silica gel	18
14808-60-7	Silicon dioxide	283
7631-90-5	Sodium bisulfite	218
68439-57-6	Sodium C14-16 olefin sulfonate	1
7775-09-9	Sodium chlorate	169
7647-14-5	Sodium chloride	423
2836-32-0	Sodium glycollate	14
1310-73-2	Sodium hydroxide	219
7681-52-9	Sodium hypochlorite	199
10555-76-7	Sodium metaborate	97
64057-57-4	Sodium peracetate	49
10486-00-7	Sodium perborate tetrahydrate	177
15475-67-9	Sodium phosphite	1
9003-04-7	Sodium polyacrylate	2
1303-96-4	Sodium tetraborate decahydrate	2
12179-04-3	Sodium tetraborate pentahydrate	2

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
17354-14-2	Solvent blue 35	28
8003-22-3	Solvent yellow 33	28
9005-65-6	Sorbitan monooleate polyoxyethylene derivative	80
1338-43-8	Sorbitan, mono-9-octadecenoate, (z)	483
61723-83-9	Sorbitol diethoxylated tetraoleate	156
14960-06-6	SS-alanine, n-(2-carboxyethyl)-n-dodecyl-, sodium salt (1:1)	1
7664-93-9	Sulfuric acid	3
68155-20-4	Tall oil acid diethanolamide	197
72480-70-7	Tar bases, quinoline derivatives benzyl chloride-quaternized	31
68513-87-1	Tar bases, quinoline derivatives	31
55566-30-8	Tetrakis(hydroxymethyl) phosphonium sulfate	13
64-02-8	Tetrasodium ethylenediaminetetraacetate	14
68527-49-1	Thiourea-formaldehyde copolymer	494
9082-00-2	Thylene oxide-propylene oxide copolymer glycerol ether	2
4719-04-4	Triazinetriethanol	5
81741-28-8	Tributyl tetradecyl phosphonium chloride	29
814-29-9	Tributylphosphine oxide	29
5064-31-3	Trisodium nitrilotriacetate	14
1319-33-1	Ulexite	2
57-13-6	Urea	205
7732-18-5	Water	2782

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CAS Number	Chemical Constituent Name	Number of Reported Wells for 2025
8042-47-5	White mineral oil	6