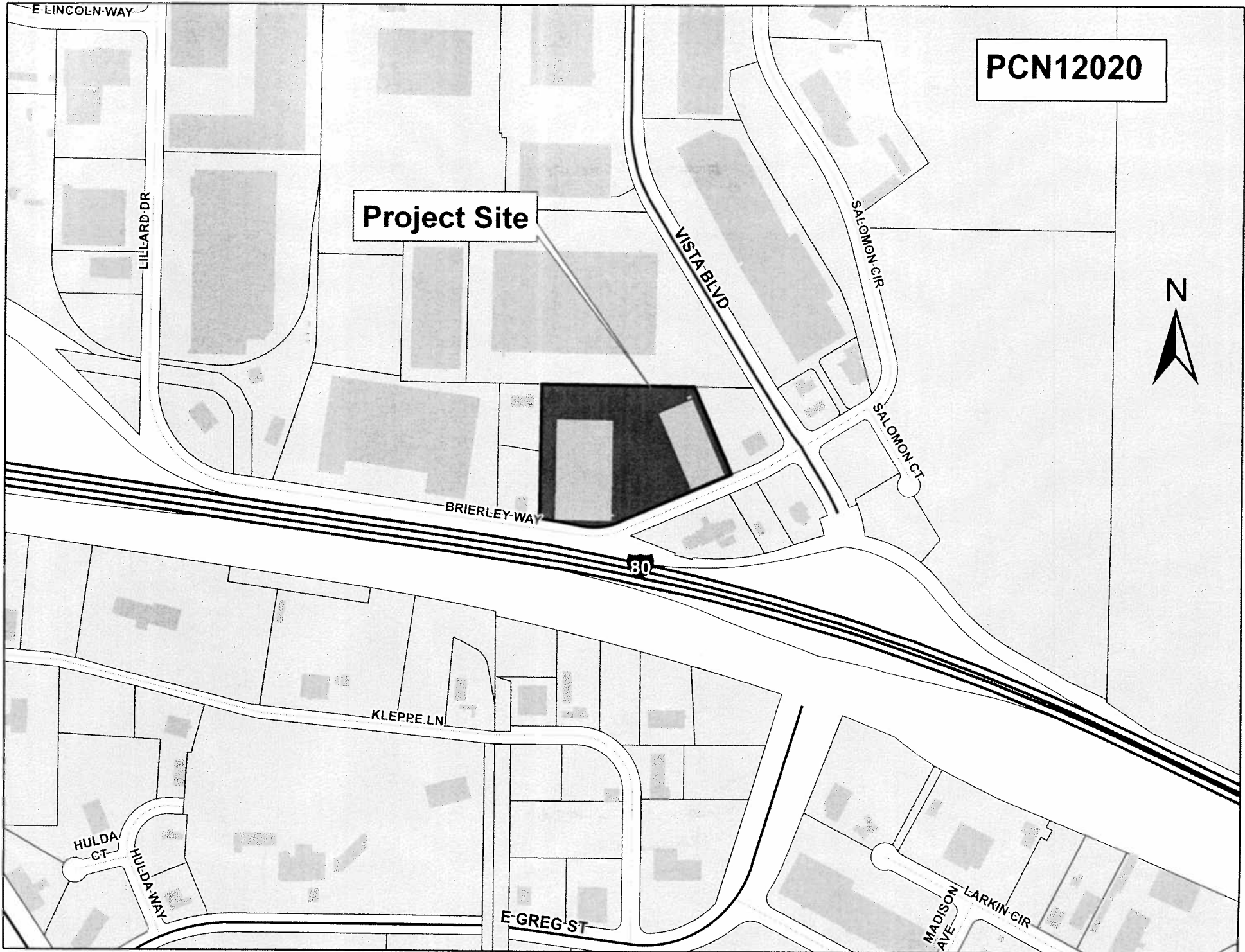


PCN12020

Project Site



Rundle, Jim

From: John Krmpotic [johnk@klsdesigngroup.com]
Sent: Monday, July 09, 2012 3:21 PM
To: Rundle, Jim; King, Bob
Subject: Alfa Aesar Chemical List
Attachments: Copy of Nevada list of chemicals 7-2-12.pdf

Gentlemen, here is the list prepared by Alfa Aesar to show the quantity of each chemical that they will have in storage compared to the NRS threshold to qualify it as a highly hazardous amount. They reference the amount they have in stock at Ward Hill (their headquarters in Massachusetts). The GM of Alfa Aesar told me they will be at 20% of the Ward Hill levels at the Sparks location for the 1st 1to 5 years of operation.

Please let me know if you need more info

Thank you,

John Krmpotic
KLS Planning & Design

JUN - 9 2012

COMMUNITY SERVICES ADMINISTRATION				Ward Hill	
ITEM	Alfa Aesar Carries Y/N	CAS	Highly Hazardous if in this Qty (in lbs)	Lbs in Stock in Ward Hill	amt as % of highly hazardous thresholds
1	Y	75-07-0	2500	62	2.5%
2	Y	107-02-8	150	10	6.9%
3	N	814-68-6	250		0.0%
4	Y	107-05-1	1000	16	1.6%
5	Y	107-11-9	1000	4	0.4%
6	Y		5000	497	9.9%
7	N	7664-41-7	5000		0.0%
8	N	7664-41-7	10000		0.0%
9	Y	7790-98-9	7500	18	0.2%
10	N	7787-36-2	7500		0.0%
11	N	7784-42-1	100		0.0%
12	N	542-88-1	100		0.0%
13	Y	10294-34-5	2500	1	0.0%
14	N	7637-07-2	250		0.0%
15	Y	7726-95-6	1500	445	29.7%
16	N	13863-41-7	1500		0.0%
17	N	7789-30-2	2500		0.0%
18	N	7787-71-5	15000		0.0%
19	Y	106-96-7	100	15	14.9%
20	Y	75-91-2	5000	17	0.3%
21	Y	614-45-9	7500	23	0.3%
22	N	75-44-5	100		0.0%
23	N	353-50-4	2500		0.0%
24	N	9004-70-0	2500		0.0%
25	N	7782-50-5	1500		0.0%
26	N	10049-04-4	1000		0.0%
27	N	13637-63-3	1000		0.0%
28	N	7790-91-2	1000		0.0%
29	Y	96-10-6	5000	3	0.1%
30	Y	97-00-7	5000	7	0.1%
31	N	107-30-2	500		0.0%
32	N	76-06-2	500		0.0%
33	N	None	1500		0.0%
34	N	None	1500		0.0%
35	Y	80-15-9	5000	16.5	0.3%
36	N	460-19-5	2500		0.0%
37	N	506-77-4	500		0.0%
38	N	675-14-9	100		0.0%
39	N	110-22-5	5000		0.0%
40	N	334-88-3	500		0.0%

JUN - 9 2012

COMMUNITY SERVICES ADMINISTRATION								
41	Dibenzoyl Peroxide	Y	94-36-0	7500	71	0.9%		
42	Diborane	N	19287-45-7	100		0.0%		
43	Dibutyl Peroxide (Tertiary)	N	110-05-4	5000		0.0%		
44	Dichloro Acetylene	N	7572-29-4	250		0.0%		
45	Dichlorosilane	N	4109-96-0	2500		0.0%		
46	Diethylzinc	Y	557-20-0	10000	12	0.1%		
47	Diisopropyl Peroxydicarbonat	N	105-64-6	7500		0.0%		
48	Dilauroyl Peroxide	Y	105-74-8	7500	21	0.3%		
49	Dimethyl Sulfide	Y	75-18-3	100	135	135.4%		
50	Dimethyldichlorosilane	Y	75-78-5	1000	16	1.6%		
51	Dimethylhydrazine, 1,1-	N	57-14-7	1000		0.0%		
52	Dimethylamine, Anhydrous	N	124-40-3	2500		0.0%		
53	2, 4 Dinitroaniline	Y "wet"	97-02-9	5000	10	0.2%		
54	Ethyl Methyl Ketone Peroxide	N	1338-23-4	5000		0.0%		
55	Ethyl Nitrite	N	109-95-5	5000		0.0%		
56	Ethylamine	N	75-04-7	7500		0.0%		
57	Ethylene Fluorohydrin	Y	371-62-0	100	16	16.3%		
58	Ethylene Oxide	N	75-21-8	5000		0.0%		
59	Ethyleneimine	N	151-56-4	1000		0.0%		
60	Fluorine	N	7782-41-4	100		0.0%		
61	Formaldehyde (concentrat	Y	50-00-0	1000	708	70.8%		
62	Furan	Y	110-00-9	500	62	12.3%		
63	Hexafluoroacetone	N	684-16-2	5000		0.0%		
64	Hydrochloric Acid, Anhydrous	N	7647-01-0	5000		0.0%		
65	Hydrofluoric Acid, Anhydrous	N	7664-39-3	1000		0.0%		
66	Hydrogen Bromide	Y	10035-10-6	5000	844	16.9%		
67	Hydrogen Chloride	Y	7647-01-0	5000	782	15.6%		
68	Hydrogen Cyanide, Anhydrou	N	74-90-8	1000		0.0%		
69	Hydrogen Fluoride	N	7664-39-3	1000		0.0%		
70	Hydrogen Peroxide (concentr	N	7722-84-1	7500		0.0%		
71	Hydrogen Selenide	N	7783-07-5	150		0.0%		
72	Hydrogen Sulfide	N	7783-06-4	1500		0.0%		
73	Hydroxylamine	N	7803-49-8	2500		0.0%		
74	Iron, Pentacarbonyl-	Y	13463-40-6	250	1	0.4%		
75	Isopropyl Formate	Y	625-55-8	500	1	0.1%		
76	Isopropylamine	Y	75-31-0	5000	216	4.3%		
77	Ketone	N	463-51-4	100		0.0%		
78	Methacrylaldehyde	Y	78-85-3	1000	1	0.1%		
79	Methacryloyl Chloride	Y	920-46-7	150	20	13.2%		
80	Methacryloyloxyethyl Isocyan	N	30674-80-7	100		0.0%		
81	Methyl Acrylonitrile	N	126-98-7	250		0.0%		
82	Methylamine, Anhydrous	N	74-89-5	1000		0.0%		
83	Methyl Bromide	N	74-83-9	2500		0.0%		
84	Methyl Chloride	N	74-87-3	15000		0.0%		

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COMMUNITY SERVICE ADMINISTRATION									
85	Methyl Chloroformate	N	79-22-1	500				0.0%	
86	Methyl Disulfide	N	624-92-0	100				0.0%	
87	Methyl Ethyl Ketone Peroxide	N	1338-23-4	5000				0.0%	
88	Methyl Fluoroacetate	N	453-18-9	100				0.0%	
89	Methyl Fluorosulfate	N	421-20-5	100				0.0%	
90	Methyl Hydrazine	N	60-34-4	100				0.0%	
91	Methyl Iodide	Y	74-88-4	7500	183			2.4%	
92	Methyl Isocyanate	N	624-83-9	250				0.0%	
93	Methyl Mercaptan	N	74-93-1	5000				0.0%	
94	Methyl Vinyl Ketone	Y	78-94-4	100	6			5.6%	
95	Methyltrichlorosilane	Y	75-79-6	500	0			0.0%	
96	Nickel Carbonyl (Nickel Tetra	N	13463-39-3	150				0.0%	
97	Nitric Acid (concentration 5	Y	7697-37-2	500	1366			273.2%	
98	Nitric Oxide	N	10102-43-9	250				0.0%	
99	Nitroaniline (para Nitroanil	Y	100-01-6	5000	26			0.5%	
100	Nitromethane	Y	75-52-5	2500	87			3.5%	
101	Nitrogen Dioxide	N	10102-44-0	250				0.0%	
102	Nitrogen Oxides (NO; NO2; N	N	10102-44-0	250				0.0%	
103	Nitrogen Tetroxide (also calle	N	10544-72-6	250				0.0%	
104	Nitrogen Trifluoride	N	7783-54-2	5000				0.0%	
105	Nitrogen Trioxide	N	10544-73-7	250				0.0%	
106	Oleum (65% or greater by v	Y	8014-95-7	1000	57			5.7%	
107	Osmium Tetroxide	Y	20816-12-0	100	4			4.4%	
108	Oxygen Difluoride (Fluorine A	N	7783-41-7	100				0.0%	
109	Ozone	N	10028-15-6	100				0.0%	
110	Pentaborane	N	19624-22-7	100				0.0%	
111	Peracetic Acid (concentrator	N	79-21-0	1000				0.0%	
112	Perchloric Acid (concentrat	Y	7601-90-3	5000	219			4.4%	
113	Perchloromethyl Mercaptan	N	594-42-3	150				0.0%	
114	Perchloromethyl Fluoride	N	7616-94-6	5000				0.0%	
115	Peroxyacetic Acid (concentra	N	79-21-0	1000				0.0%	
116	Phosgene (also called Carbo	N	75-44-5	100				0.0%	
117	Phosphine (Hydrogen Phospl	N	7803-51-2	100				0.0%	
118	Phosphorus Oxychloride (al	Y	10025-87-3	1000	534			53.4%	
119	Phosphorus Trichloride	Y	7719-12-2	1000	8			0.8%	
120	Phosphoryl Chloride (also c	Y	10025-87-3	1000	534			53.4%	
121	Propargyl Bromide (also cal	Y	106-96-7	100	15			14.9%	
122	Propyl Nitrate	N	627-13-4	100				0.0%	
123	Sarin	N	107-44-8	100				0.0%	
124	Selenium Hexafluoride	N	7783-79-1	1000				0.0%	
125	Stibine (Antimony Hydride)	N	7803-52-3	500				0.0%	
126	Sulfur Dioxide (liquid)	N	7446-09-5	1000				0.0%	
127	Sulfur Pentafluoride	N	5714-22-7	250				0.0%	
128	Sulfur Tetrafluoride	N	7783-60-0	250				0.0%	
129	Sulfur Trioxide (also called Si	N	7446-11-9	1000				0.0%	

130	Sulfur Anhydride (also called	N	7446-11-9	1000		0.0%
131	Tellurium Hexafluoride	N	7783-80-4	250		0.0%
132	Tetrafluoroethylene	N	116-14-3	5000		0.0%
133	Tetrafluorohydrazine	N	10036-47-2	5000		0.0%
134	Tetramethyl Lead	N	75-74-1	1000		0.0%
135	Thionyl Chloride	Y	7719-09-7	250	219	87.6%
136	Titanium Tetrachloride	Y	7550-45-0	2500	455	18.2%
137	Trichloro (chloromethyl) Sil	Y	1558-25-4	100	1	1.0%
138	Trichloro (dichlorophenyl) Sil	N	27137-85-5	2500		0.0%
139	Trichlorosilane	Y	10025-78-2	5000	7	0.1%
140	Trifluorochloroethylene	N	79-38-9	10000		0.0%
141	Trimethoxysilane	N	2487-90-3	1500		0.0%

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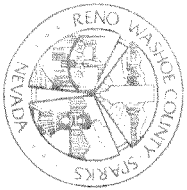
COMMUNITY SERVICES
ADMINISTRATION

List of Corporate Officers

Alfa Aesar's legal entity is Johnson Matthey Catalogue Company

The Board of Directors are: Barry Singelais, Robert Talley, Karil Black, Ed Ravert

This catalogue company is one of numerous legal entities globally that sit under the umbrella of Johnson Matthey PLC, London.



Washoe County Health District



ENVIRONMENTAL HEALTH SERVICES DIVISION

Public Health
Prevent. Promote. Protect.

June 13, 2012

Jim Rundle, Planner
Sparks Planning & Community Services Department
431 Prater Way
Sparks, Nevada 89431

WORKS
DEPARTMENT

JUN 15 2012

RECEIVED

RE: **Alfa Aesar – 2070 Brierly Way**
Special Use Permit PCN12020
E2012-019

Dear Mr. Rundle:

This Department has reviewed the referenced proposal with regard to sewage disposal, domestic water supply, solid waste, water quality and air pollution. Approval by this Department is subject to the following conditions:

1. An inspection must be made of all existing building(s) to determine the presence or absence of asbestos material prior to demolition or remodeling. Also, an asbestos assessment form must be obtained from the District Health Department and completed prior to any asbestos removal, remodeling or demolition of the building(s). All asbestos removal must be made in full compliance with all Federal NESHAPS (National Emission Standards for Hazardous Air Pollutant Sources) and local regulations.
2. Prior to the issuance of any building or grading permits, the applicant shall inform the District Health Department of any handling, storage or disposal of all hazardous materials which might reasonably be expected to be received at the referenced project.

If you have any questions regarding the foregoing, please call me at 328-2430.

Sincerely,

Bryan W. Tyre, P.E.
Acting Senior Licensed Engineer
Environmental Health Services

BWT/dc

cc: Travis Durfee, Prologis
Deb Grocott, Alfa Aesar
John Krmpotic, AICP, KLS Planning & Design

1001 EAST NINTH STREET / P.O. BOX 11130, RENO, NEVADA 89520 (775) 328-2434 FAX (775) 328-6176

Brian Sandoval

Governor



Chris Perry

Director

Peter J. Mulvihill, P.E.

State Fire Marshal

State Fire Marshal Division

Stewart Facility
107 Jacobsen Way
Carson City, NV 89711
(775) 684-7501 • Fax (775) 684-7518

June 5, 2012

Jim Rundle
City of Sparks Community Services
431 Prater Way
Sparks, NV 89431

Dear Mr. Rundle:

Re: PCN12020, Alfa Aesar
Special Use Permit

The Nevada State Fire Marshal Division has received your request to review the above referenced project under NRS 278.147.

The Sparks Fire Department has an intrastate interlocal agreement with the Nevada State Fire Marshal Division to perform reviews and facility inspections on behalf of the State Fire Marshal. In addition, both Fire Marshal Robert King and Assistant Fire Marshal Christopher McCubbins of the Sparks Fire Department have been designated as Special Deputy State Fire Marshals under NRS 477.014 and as such, are authorized to carry out the duties and responsibilities as directed by the State Fire Marshal.

The review of this application will be conducted by the Sparks Fire Department under the direction of Chief King and McCubbins and all comments, requirements and conditions of approval have the same force and effect as a review under NRS 278.147 by the State Fire Marshal.

If you have any questions, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter J. Mulvihill", written over a light blue horizontal line.

Peter J. Mulvihill, P.E., Chief
Nevada State Fire Marshal Division
Department of Public Safety

Copy: Robert King, Fire Marshal, Sparks Fire Department
Christopher McCubbins, Assistant Fire Marshal, Sparks Fire Department

PUBLIC WORKS
DEPARTMENT

JUN - 7 2012

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