

# Crook County Community Development

ENVIRONMENTAL HEALTH 300 E 3rd Street • Prineville, Oregon 97754  
Phone (541) 447-8155 • FAX (541) 447-1051

July 15, 1999

Dry Creek Air Park , LLC  
BRAD LEFLER  
P.O. Box 598  
Prineville, OR 97754

RE: On-Site Septic valuations  
for A Subdivision

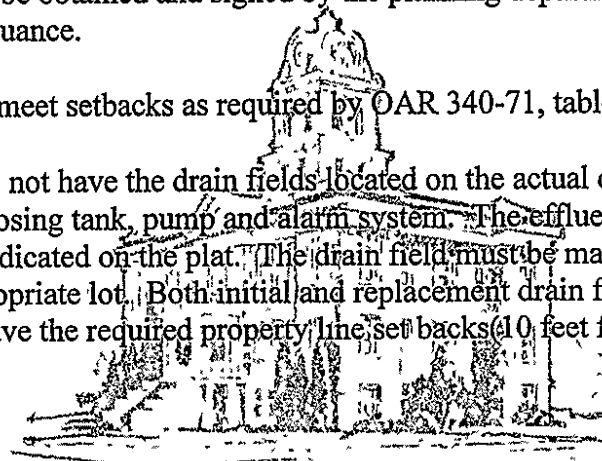
Dear Sirs:

The site evaluations for the Dry Creek Air Park Subdivision have been completed. This letter and the attached evaluations/approval letters for each lot is the approval for an on-site sewage system for that indicated lot. This report runs with the land and will automatically benefit subsequent owners. Any alteration of the natural conditions in the areas approved for on-site systems may void this approval. Further each approval is given on the basis that each lot described will not be further partitioned or subdivided and that conditions on each lot or adjacent properties have not been altered in any manner that would prohibit issuance of a construction permit in accordance with ORS 454.605 through 454.755 and administrative rules of the Environmental Quality Commission.

This document and the attached site evaluation sheets and approval letters are technical reports for on-site sewage only. They may be used to obtain construction permits only if the individual lots are compatible with applicable LCDC-Acknowledged local comprehensive LAND USE plans and implementing measures or the Statewide Planning Goals. Land Use Compatibility forms are required to be obtained and signed by the planning department prior to construction permit application/issuance.

All drain fields must meet setbacks as required by OAR 340-71, table 1.

The following lots do not have the drain fields located on the actual dwelling lot and in most cases will require a dosing tank, pump and alarm system. The effluent line from the tank to the drain field must be indicated on the plat. The drain field must be marked with corner pins and be dedicated to the appropriate lot. Both initial and replacement drain fields must fit in the dedicated area and have the required property line setbacks (10 feet from all side lines). The



Page 2.

repair/maintenance responsibilities for each drain field effluent line and drain field shall be the owner of the lot. Lots: 1, 13, 14, 15, 17, 18, 19, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 35, 36, 37, 38, 39, 40.

Drain fields for lots 8, and 31 have drain field areas on and off the dwelling lot. The drain field for lot 15 will require some site work prior to construction permit issuance. Lot 19 may require a sand filter system if the area is too small for the initial indicated systems. Lots 24 and 25 may need to be reoriented due to the reduction of lot 24 due to the road encroachment. Lots 18, 22, 23, 24, 26, 27, 28, 29, have had the north side of the dedicated area reduced by road encroachment and may need the pins adjusted accordingly.

The following lots have their drain fields located on the actual dwelling lot: 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 16, 20, 21, 34, 41, 42.

Drain fields on lots 20 and 21 may require sandfilter replacement systems if the areas are not large enough for the indicated initial/replacement systems. Lot 41 has a limited size approval area and may require a dosing tank and pump to get the effluent to the drain field. Lot 42 needs to incorporate more of the area north of the on-site area to allow the initial and replacement drain fields to be placed in the area. A dosing tank and pump may be needed to pump the effluent to the drain field area.

Please read each attached approval letter to see the conditions for each individual lot.



RUSS HANSON, R.S.  
Director

CF:

Planning Department(Ltr only)  
Assessors Department(Ltr only)



# Crook County Community Development

ENVIRONMENTAL HEALTH

300 E 3rd Street • Prineville, Oregon 97754

Phone (541) 447-8155 • FAX (541) 447-1051

JUNE 29, 1999

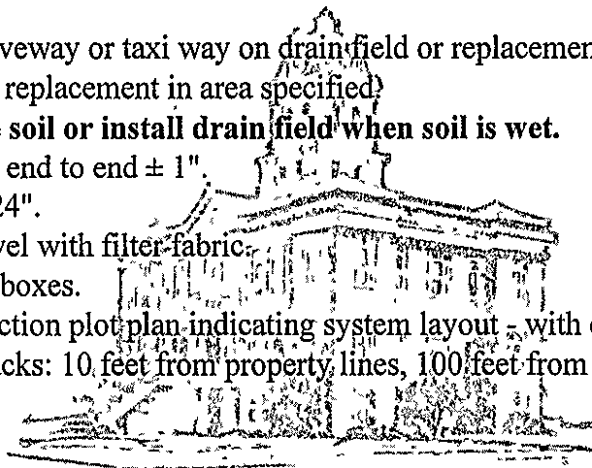
DRY CREEK AIR PARK, LLC  
BRAD LEFLER  
PO BOX 598  
PRINEVILLE, OR 97754

RE: SITE EVALUATION 07S-114-99  
16-16-9&10 TL 600  
DRY CREEK AIR PARK, LOT 24

Dear Mr. Lefler,

Based on the soil profile in the test holes you provided, the site is approved for an on-site sewage disposal system to serve up to a four bedroom dwelling. A copy of the Site Evaluation Field Worksheet is attached and the system requirements are:

- The site is approved for a capping fill serial on-site system with an average flow of 225 gallons per day, and an occasional peak flow of 450 gallons per day.
- 150 lineal feet of drain field line per 150 gallons of flow for a total of 400 linear feet of drain field line. Down sized slightly 50' due to coarse upper soils.
- Maximum trench depth is 16", minimum is 12".
- The system will require a 1,100 gallon dosing tank, pump and alarm system to get the effluent to the drain field.
- Provide a cap of sandy loam or sandy clay loam measured 16" above the gravel. Cap material must be approved prior to placing on drain field.
- The final plat map shall show the approved area for the drain field and the easement for the utility lines from the dwelling lot to the drain field lot
- The State of Oregon does not allow capping fill drain fields to be installed after Oct 1<sup>st</sup> to June 1<sup>st</sup> without prior approval. Wet or frozen soils will prevent this office from approving capping fills during that time period.
- Approved area must be protected from any disturbance, buildings or driveway installation.
- Do not install driveway or taxi way on drain field or replacement area.
- Install initial and replacement in area specified.
- **Do not work the soil or install drain field when soil is wet.**
- Install lines level end to end  $\pm 1"$ .
- Trench width is 24".
- Cover top of gravel with filter fabric.
- Install with drop boxes.
- Submit a construction plot plan indicating system layout - with elevations.
- Drain field set backs: 10 feet from property lines, 100 feet from any well.



Mr. Lefler  
Page 2

- \*\* DRAIN FIELD MUST BE INSTALLED IN THE AREA SHOWN ON THE BACK OF THE SITE EVALUATION FIELD WORKSHEET. Any alteration of the natural conditions (i.e. cutting or filling) in the approval area, or further partitioning or subdividing on the subject or adjacent properties may void this approval (ORS 454 and OAR 340)
- The proposed areas for both initial and replacement systems are to be protected from vehicular traffic, livestock or further development.
  - Specifications for the replacement system should the initial system fail are noted on the site evaluation worksheet. Specifications for this system may differ from those for the initial system. The area noted for the repair system is to be kept free from any future development or activities that would alter the site conditions.
  - The use of the infiltrator (equalizer) drain field system shall be proposed at the time of the septic construction permit application
  - If you use the infiltrator in irrigated land, you will need to contact the manufacturer to see what they require to prevent gopher intrusion in to the interior space at 1-800-221-4436
  - Recommend a septic tank with an effluent filter if you are going to have a garbage disposal.
  - Infiltrator systems will require observation ports.

Any person other than the property owner must be licensed by the DEQ to install an on-site sewage disposal system. In addition, a **PERMIT** must be obtained from this office prior to installation of the system. The following items must be submitted along with a completed and signed construction permit application form( the necessary forms are enclosed):

**AN ACCURATE CONSTRUCTION PLAN SHOWING THE SYSTEM LAYOUT AND THE LOCATION OF THE REPLACEMENT AREA. HAVE THE TEST HOLE LOCATION'S MARKED ON THE PLAN.**

**A LAND USE COMPATIBILITY STATEMENT SIGNED BY THE CROOK COUNTY PLANNING DEPARTMENT.**

**A PERMIT FEE OF \$415.00. WILL BE CHARGED FOR THE CAPPING FILL SYSTEM. AS OF JULY 1, 1999 THE NEW FEE FOR CAPPING FILL SYSTEM WILL BE \$580.00.**

If you have any questions regarding this report or permit procedures, please feel free to contact this office at (541) 447-8155.

Sincerely,



RUSSELL F. HANSON, R.S.

Director

jll

Encl. (2)

CF: Crook County Planning Department

SITE EVALUATION FIELD WORKSHEET

Tax Reference 16-16-9-10 TL 600 L 24 Evaluator Russ Hanson  
 Applicant Dry Creek Overpark Date 6-17-99 Parcel Site 1  
10-11-99

TEST HOLE	DEPTH HORIZONS	TEXTURE	(WET) Soil Matrix Color, Redox Features, Masses, % Coarse Fragments, Roots, Structure, Layer Limiting Effective Soil Depth, etc
1	0-12	LS/SL	70% 1/2-5
2	10-20	CL	10% 1/3-5
3	20-32	Hard pan	
4			

1	0-16	1-1	
2	10-26	1-2	
3	26-32	Hard pan	
4			

1	0-13	1-1	
2	13-22	1-2	
3	22-32	Hard pan	
4			

1			
2			
3			
4			

Landscape Notes High Desert  
 Slope % 5 Aspect SSSE  
 Other Site Notes down sized slightly 50' due to coarse water salts GROUNDWATER Type No indicators  
 \*MAX Diggable Depth For Possible Alternative System 8

Capping Fill  DT& Hydrasplitter SYSTEM SPECIFICATIONS  
 Sand Filter \_\_\_\_\_ Dosing Tank \_\_\_\_\_ Average Daily Flow 450 GPD  
 STD SYSTEM: \_\_\_\_\_ LOOP: \_\_\_\_\_ EQUAL: \_\_\_\_\_ SERIAL: X  
 A. SYSTEM CFS DISPOSAL FACILITY 400 (LINEAR FEET/FT<sup>2</sup>) MAX/MIN 16/12 DEPTH INCHES  
 B. SYSTEM CFS DISPOSAL FACILITY 400 (LINEAR FEET/FT<sup>2</sup>) MAX/MIN 16/12 DEPTH INCHES

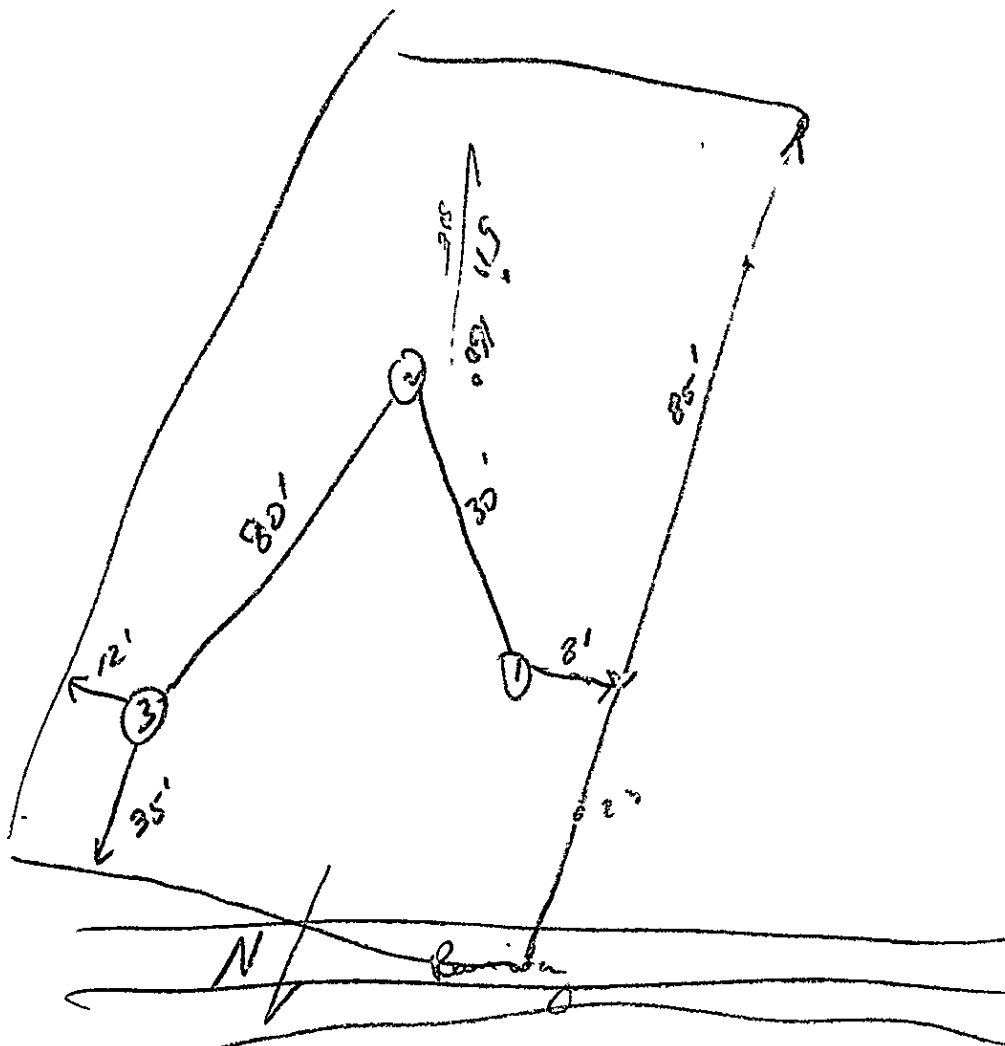
Special CONDITIONS. Cover top of gravel w/filler fabric. Provide a cap of loamy sand or sandy loam measured 16" above the gravel. A dosing tank, pump & drain system may be required to set the effluent to the drain field. The final plat map shall show the approved area for the drain field and easement for the utility lines from the dwelling lot to the drain field.

Degree/minutes

Latitude \_\_\_\_\_

Longitude \_\_\_\_\_

Not To Scale Magnetic North (compass) 20 degree N declination



	TEST HOLE	DEPTH Horizons	TEXTURE	(WET) Soil Matrix Color, Redox Features, Masses, % Coarse Fragments, Roots, Structure, Layer Limiting Effective Soil Depth, etc
5.	1			
	2			
	3			
	4			

6	1			
	2			
	3			
	4			

16.

Handwritten notes and numbers at the bottom of the page, including '17' and '18'.

FOR OFFICE USE ONLY

STATE OF OREGON

FOR OFFICE USE ONLY

Department of Environmental Quality
CROOK COUNTY
Environmental Health
300 East 3Rd St.
Prineville, OR 97754
541-447-8155

Date Rec'd. 6-10-99
Date Completed
Required Fee 315.
Receipt No.
Control No. 815-114-99

Date Test Holes Ready

APPLICATION FOR:

- Site Evaluation Report
Permit to Construct On-Site Sewage Disposal System
Permit to Repair On-Site Sewage Disposal System
Permit for Alteration of On-Site Sewage Disposal System
Permit Renewal
Authorization Notice
Other (Specify)

(Required fee and land use compatibility statement must accompany application)

FOR OFFICE USE ONLY:

PLOT PLAN REQUIRED YES NO ATTACHED YES NO
VICINITY OR TAX LOT MAP REQUIRED YES NO ATTACHED YES NO
TEST HOLES REQUIRED YES NO ATTACHED YES NO
LAND USE COMPATIBILITY STATEMENT YES NO ATTACHED YES NO

ADDITIONAL ITEM(S) REQUIRED

FOR APPLICANT'S USE - (Please Print)

Dry Creek Airpark LLC
16S 16E 9-10 600 CROOK
Dry Creek Airpark 24
No Community Well

Single Family Residence Other

Directions to Property: Davis Loop across from Happy Camp

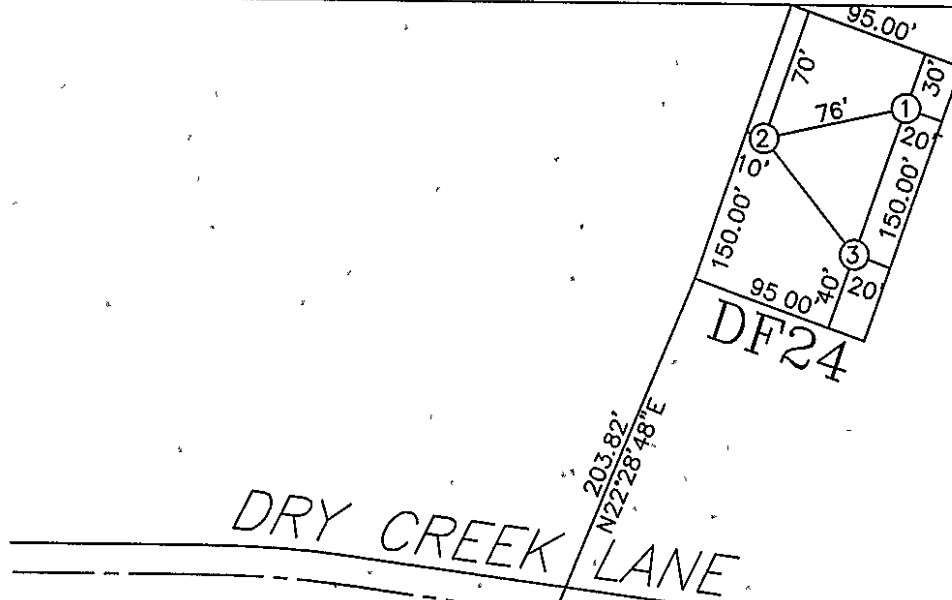
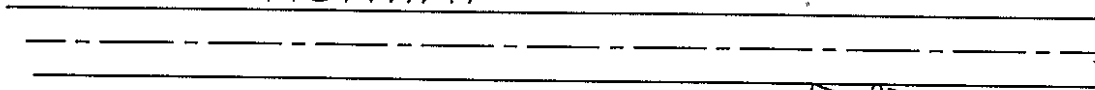
By my signature, I certify that the information I have furnished is correct, and hereby grant the Department of Environmental Quality and its authorized agent permission to enter onto the above described property for the purpose of this application.

Signature Date 6-10-99 Owner Authorized Representative S.D.S. License No.

Owner's Mailing Address Applicant's Mailing Address (if different)

Phone 416-8956

RUNWAY



LOT 23

LOT 24

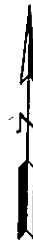
LOT 25

NOTE:

PROPOSED DRAINFIELD CORNERS  
HAVE BEEN SURVEYED AND MARKED  
IN THE FIELD WITH WOODEN SURVEY  
LATH. TEST HOLES INSIDE THE  
PROPOSED DRAINFIELD HAVE BEEN  
EXCAVATED, SURVEYED AND MARKED.

NOTE

SEE INDEX SHEET OF ENTIRE  
DEVELOPMENT FOR OVERALL  
LOT/DRAINFIELD RELATIONSHIP.



SCALE  
1" = 100'