Bonneville Salt Flats 12/1/89

climatological data
raceway character - descriptions
model of subsurface/surface solution - diss of - dep. of salt
mining history - disturbance
construction other than mining
historic aerial photography

Notes - Major Tasks

study plan - 1st 2 mos 1990

← do lansat now
← locate data pts (weather dep.)
pumping well (to much time)
pump & aquifer test
original drilling (equip) is time specific
monitoring is not

Mo. sampling
water levels
chemistry
depth 10-50'

do statistical eval of variation in weather
wait on access to flats 9 mos
data collection 18 mos.
data analysis 6 mos.
report review 6 mos &
→ public

Need from Reilly

1. Data - Brine withdrawal
   - water levels
   - chem anal
   - ditch levels
   - core
   - weather)
2. ——— access to land
3. ——— run some lab work (blind samples)
4. ——— assist w/drilling

Need from BLM - SLD

1. weather station on site
2. data - analysis
   - data from past studies
3. vehicles
4. people
5. study of land ~~[illegible]~~

Reilly - Salt Flats 12/1/89

area of study
so. of interstate/RR - Reilly - make sure all factors are considered
don't know character so. of freeway
- exchange potential
- impact of ponds
- different system hydrology so of interstate

Review Commission
Reilly participation also input in study

Reilly Perspective
grd water hydrol expertise - clean up
Wendover Plant
50-60 people
$36m w/in 300-400 mile radius (mult. impacts)
continued capital expend ($36m impact for Grouse plant too)
lease/prod. costs
40-60 90 Mg → Mg corp
fertilizer market stability

50:50 BLM: fee
participate in study

Run & mgt. racetrack?
future for development of min. res.
salt is simples - using to solve problems

Need to communicate what is being done - not just do it

Test plots as part of study

BLM - protect the unique geologic body

BLM info → Reilly

Protest of BLM decision - questions "distraction from real issues"?
- leasing as viable alternative - not considered fully
- ACEC mgmt criteria - what is BLM preserving

see this on tech level v. framework level

Racing Assoc - need from

1. Historic Comp. of race surface
2. Support for sampling - vehicles
3. Participate on review Team

State of Utah - Need from

1. Brine density analyses - UGMS
2. Contract w/ BLM & USGS
3. Review Team

Needed from Reilly

1. access to production records
2. access to pumping records
3. access to water analyses (comparison of new & old data)
4. access to land
5. conduct of some analyses
6. assistance w/drilling

BLM

1. temp/precip station
2. other sampling