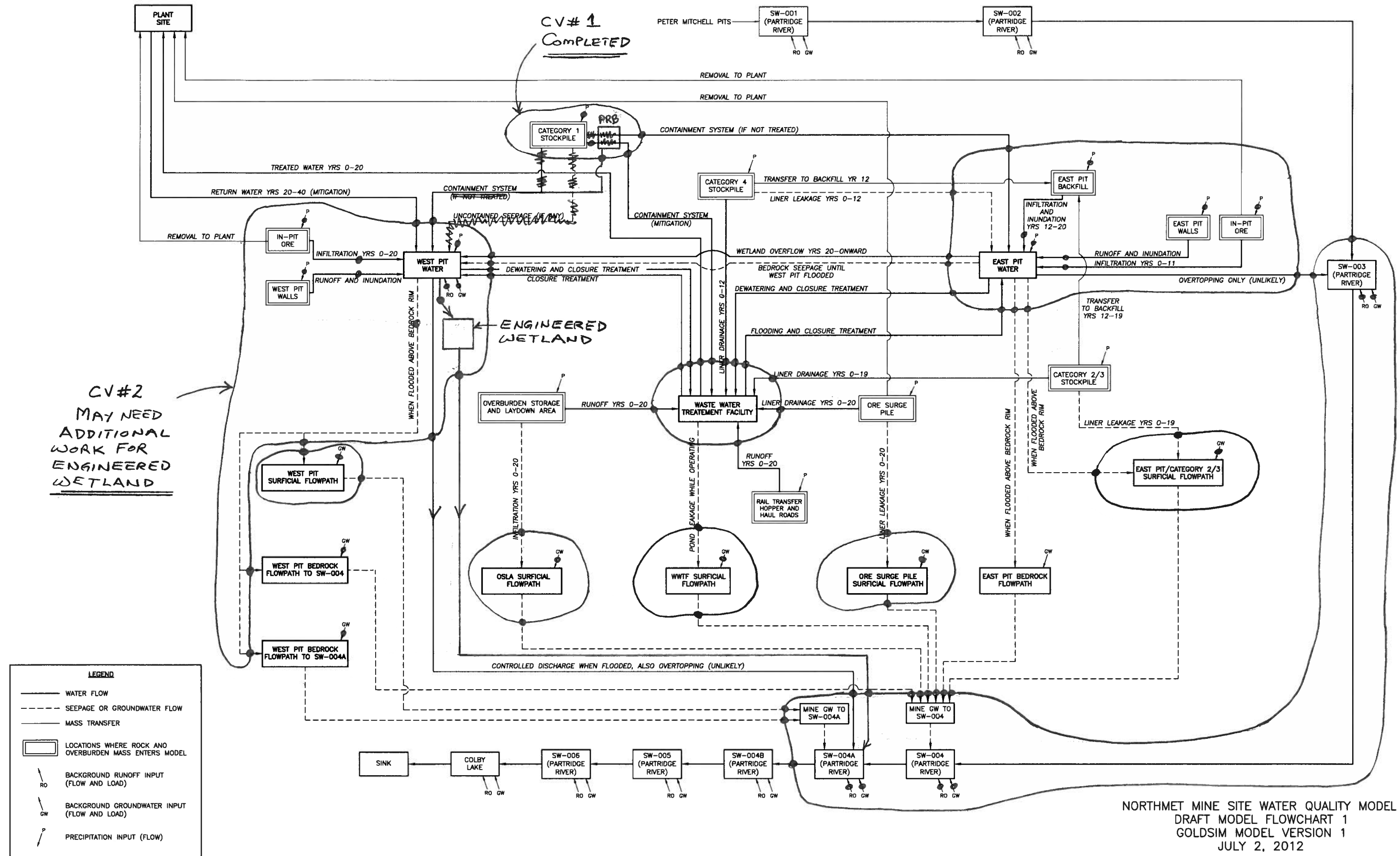
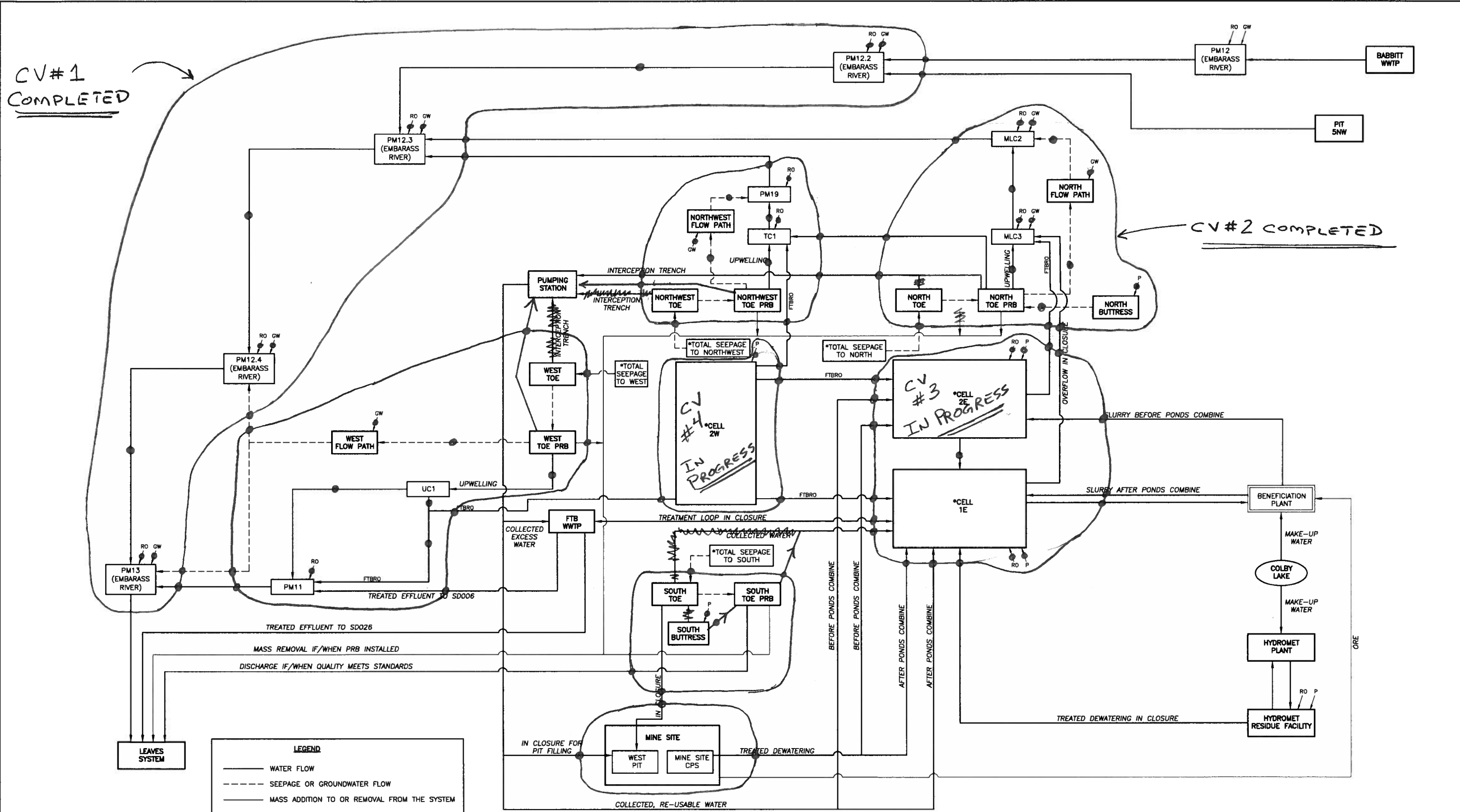


CADD USER: Rick Gurtner FILE: M:\DEPTWORK\RLC\338908200_NORTHMET MINE SITE WATER QUALITY MODEL FLOWCHART 1.DWG PLOT SCALE: 1:2 PLOT DATE: 6/28/2012 9:56 AM



NORTHMET MINE SITE WATER QUALITY MODEL
DRAFT MODEL FLOWCHART 1
GOLDSIM MODEL VERSION 1
JULY 2, 2012

CAD USER: Rick Guether FILE: M:\A09PWORK\ALC1236908200_MASS FLOW DIAGRAM PFD.DWG PLOT SCALE: 1:2 PLOT DATE: 6/29/2012 2:25 PM



* SEE DRAFT MODEL DETAILED FLOW CHART

NOTE: FOR LONG-TERM CLOSURE, ALL PRB'S CONVERTED TO ENGINEERED WETLANDS

NORTHMET PLANT SITE WATER QUALITY MODEL
 DRAFT MODEL FLOWCHART
 GOLDSIM MODEL VERSION 1
 JULY 2, 2012

CV#1 COMPLETED

CV#2 COMPLETED

CV#3 IN PROGRESS

CV#4 IN PROGRESS

LEGEND

- WATER FLOW
- - - - SEEPAGE OR GROUNDWATER FLOW
- MASS ADDITION TO OR REMOVAL FROM THE SYSTEM
- LOCATIONS WHERE MASS ENTERS MODEL
- RO BACKGROUND RUNOFF INPUT (FLOW AND LOAD)
- GW BACKGROUND GROUNDWATER INPUT (FLOW AND LOAD)
- P PRECIPITATION INPUT (FLOW)
- FTBRO FLOTATION TAILINGS BASIN RUNOFF (FLDW)