CHAPTER #4 FROM
GUERRILLA GARDENING
BY THE BAND CALLED OH

SIGNAL CHAIN
Technical document regarding the recording and mixing of Grow

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Vocals
Recorded at Westerdals Oslo ACT
Engineered by Gergely Vikar

Main Vocal

1. Instrument
Vocals by Frode Larsen

2. Microphone / Preamp
Neumann U87 - Universal Audio 6176

3. Mix plugins
See "Mix"
Backing Vocals

1. Instrument
Vocals by Monica Hjelle

2. Microphone / Preamp
Neumann U87 - Pro Tools Pre

3. Mix plugins
See "Mix"
1. Instrument
   Vocals by Rikke

2. Microphone / Preamp
   Beyer Dynamics MC740 - Pro Tools Pre

3. Mix plugins
   See "Mix"
Drums
Recorded in Kysten Studio, Tromsø.
Engineered by Håkon Pettersen

**Kick**

1. **Instrument**
   Tama Imperialstar 22”x14” kick drum

2. **Microphone / Preamp**
   Shure Beta91 (mono) - SSL AWS900+
   AEA R88 (stereo) - SSL AWS900+

3. **Outboard**
   Empirical Labs Distressor

4. **Mix plugins**
   See "Mix"
Snares

1. Instrument
Pearl 14”x5,5” Ian Paice Signature snare drum

2. Microphone / Preamp
Shure SM57 (mono) over snare - SSL AWS900+
Neumann KM184 (mono) under snare - SSL AWS900+

3. Outboard
Universal Audio 1176

4. Mix plugins
See "Mix"
1. Instrument
Tama Superstar 14”x7,5” Birch Snare

2. Microphone / Preamp
Shure SM57 (mono) over snare - SSL AWS900+
Neumann KM184 (mono) under snare - SSL AWS900+

4. Mix plugins
See "Mix"
1. Instrument
Yamaha Maple Custom 12”x10” tom

2. Microphone / Preamp
Sennheiser MD421 (mono) - SSL AWS900+

4. Mix plugins
See "Mix"
1. Instrument
Yamaha Maple Custom 14”x14” tom

2. Microphone / Preamp
Sennheiser MD421 (mono) - SSL AWS900+
Neumann KM184 (mono) under tom - SSL AWS900+

4. Mix plugins
See "Mix"
1. Instrument
Premier Cabria 18”x16”

2. Microphone / Preamp
Sennheiser MD421 (mono) - SSL AWS900+
Neumann KM184 (mono) under tom - SSL AWS900+

4. Mix plugins
See "Mix"
1. Instrument
Istanbul Mehmet Origin Dark 24”
Meinl Sand Hats 14”
Sabian Sick Hats 18” (tambourine on top)
Zildjian Oriental Crash of Doom 18”
Zildjian Oriental Spiral Trash 18”
Sabian Manhattan Jazz 20” with Zildjian Spiral Trash 16” and tambourine on top

2. Microphone / Preamp
Shoeps CMC 5 (overhead stereo) - SSL AWS900+
Coles 4038 (front stereo) - Demeter VTMP2
SM Pro Audio MC04 (room corner mono) - SSL AWS900+

3. Outboard
Neve 33609J Compressor

4. Mix plugins
See "Mix"
Electric Bass
Recorded in Kysten Studio, Tromsø.
Engineered by Håkon Pettersen

1. Instrument
Fender American Standard Precision Bass strung w/ LaBella flatwounds.

2. Effects
Keeley Bassist Limiting Amplifier

3. Amplifier
Ampeg SVT AV 4x10

4. DI
Ampeg SVT AV tube direct out

5. Microphone / Preamp
Electro-Voice RE20 / SSL AWS 900+

6. Outboard
Tubetech MEC 1A (DI)
SSL XR618 (Mic)

7. Mix plugins
See "Mix"
1. Instrument
Fender Stratocaster Custom Shop, 1969 relic

2. Effects
Boss TU-2, Xotic sp compressor, Xotic RC Booster, Xotic AC booster, Electro Harmonics POG 2, Boss DD3, Strymon Timeline.

3. Amplifier
Fender Twin Reverb

4. Microphone / Preamp
AKG C414 (near) / API 521
Royer R-121 (room) / API 521

5. Outboard
API 550B
Universal Audio 1176LN

6. Mix plugins
See "Mix"
Keyboards and Synthesizers
Recorded in Kysten Studio, Tromsø.
Engineered by Håkon Pettersen

Keyboards

1. Instrument
Rhodes MK I Stage Piano 73 (1974)

2. Effects
Keeley bassist limiting amplifier, Moog Moogerfooger
Cluster Flux, Guyatone Vintage Tremolo, Eventide
Timefactor

3. Amplifier
Fender 65 Deluxe Reverb Reissue

4. Microphone / Preamp
Neumann M147 (Near)- API 512C
Royer R-121 (room)- API 512C

6. Compressor
Empirical Labs Distressor

7. Mix plugins
See "Mix"
1. Instrument
Hammond a100

2. Amplifier
Leslie 122 custom

4. Microphone / Preamp
Stereo Horn: Sennheizer 421 - Demeter VTMP2
Bass: AKG 414 - API 512C
Stereo Room: Neumann KM184 - API 512C

7. Mix plugins
See "Mix"
1. Instrument
DSI Mopho x4

2. Patch
"Drop It"

3. Effects
Sound Toys Echo Boy, Space Echo

4. Preamp
SSL AWS 900+

5. Mix plugins
See "Mix"
1. Instrument
   Moog Sub 37

2. Patch
   "Grow Outro"

3. Preamp
   SSL AWS 900+

4. Mix plugins
   See "Mix"
Mix

Mix by Poppa Lars @ NORDalliansen HQ, Tromsø
Plug-ins used in mix

DAW: Logic X (10.3.1)

Drums;

Snr SM57; Logic Dist II
Amb Tak; Decapitator

All Drums Buss; UAD Fatso - FF Saturn - Pro-Q2

Bass;

Bass Amp; ClipDist - Q2
Bass DI; UAD Softube Bass Amp Room

Guitars;

VMR w Hollywood - Q2

Melodics;

Rhodes; VMR w VCC AirEQ - Q2
Synths; Q2 - Soundtoys Crystallizer - VMR - Q2

Vocals;

VMR w Hollywood Revival - Q2 - Little Alterboy

Master Buss;

Ampex 102 - VBC Grey - UAD Manley Massive
Passive - Pro-L

FX;

Reverbs used; Live room from recording session, Logic
Space Designer, FF Pro-R
Delays used; Roland RE201, UAD Space Echo, Soundtoys
Primal Tap
Appendix

Synth Patches

DSI Mopho X4 - "Drop It"

Download patch
Moog Sub 37 – "Grow Outro"

Download patch